STL Edison
777 New Durham Road
Edison, NJ 08817

Tel 732 549 3900 Fax 732 549 3679
www.stl-inc.com

09/16/2005

ENSR Consulting & Engineering - NJ
20 New England Ave
Piscataway, NJ 08854

Attention: Mr. Greg Micalizio

Laboratory Results
Job No. E050 - Phillipsburg

Dear Mr. Micalizio:

Enclosed are the results you requested for the following sample(s) received at our laboratory on August 17, 2005.

Lab No.	Client ID	Analysis Required
661886	F081605	PP VOA+10
661887	MW6A	PP VOA+10
661888	MW6B	PP VOA+10
661889	T081605	PP VOA+10
661890	F081705	PP VOA+10
661891	MW37A	PP VOA+10
661892	MW37C	PP VOA+10

An invoice for our services is also enclosed. If you have any questions please contact your Project Manager, David Lissy, at (732) 549-3900.

Very Truly Yours,

Michael J. Urban
Laboratory Manager

Analytical Results Summary

Client ID: **F081605**
Site: Phillipsburg

Lab Sample No: **661886**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83245.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	ND	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	ND	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **F081605**
Site: Phillipsburg

Lab Sample No: **661886**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83245.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
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TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **MW6A**
Site: Phillipsburg

Lab Sample No: **661887**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83246.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	1.5	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	2.8	0.4
1,1-Dichloroethane	11	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	39	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	4.4	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	1.0	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	0.6	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **MW6A**
Site: Phillipsburg

Lab Sample No: **661887**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83246.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
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TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **MW6B**
Site: Phillipsburg

Lab Sample No: **661888**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83247.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	0.6	0.2
1,1-Dichloroethene	1.3	0.4
1,1-Dichloroethane	1.6	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	7.6	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	1.2	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	ND	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **MW6B**
Site: Phillipsburg

Lab Sample No: **661888**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83247.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Fluorodichloromethane	4.06	3.4	
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TOTAL ESTIMATED CONCENTRATION	3.4

Client ID: **T081605**
Site: Phillipsburg

Lab Sample No: **661889**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83248.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	ND	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	ND	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **T081605**
Site: Phillipsburg

Lab Sample No: **661889**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83248.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
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TOTAL ESTIMATED CONCENTRATION 0.0

Client ID: **F081705**
Site: Phillipsburg

Lab Sample No: **661890**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83249.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	ND	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	ND	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **F081705**
Site: Phillipsburg

Lab Sample No: **661890**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83249.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
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TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **MW37A**
Site: Phillipsburg

Lab Sample No: **661891**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83250.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	0.6	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	6.4	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	1.0	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **MW37A**
Site: Phillipsburg

Lab Sample No: **661891**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83250.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	C6H12 Cycloalkane	6.74	4.6	
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TOTAL ESTIMATED CONCENTRATION 4.6

Client ID: **MW37C**
Site: Phillipsburg

Lab Sample No: **661892**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83251.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	1.9	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	16	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	1.0	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **MW37C**
Site: Phillipsburg

Lab Sample No: **661892**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83251.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
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TOTAL ESTIMATED CONCENTRATION	0.0

General Information

Chain of Custody

E050

STL Edison

17

STL EDISON

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE 1 OF 1

Name (for report and invoice): Gregg Nicaliano
Company: ENSR
Address: 20 New England Ave
City: Piscataway State: NJ
Phone: 732-981-0200 Fax: 981-0116

Samplers Name (Printed): Jeff Holzer
P.O. #: 922486 STL Quote #

Site/Project Identification: IR - Phillipsburg
State (Location of site): NJ: [X] NY: [ ] Other:
Regulatory Program: ISRA

Analysis Turnaround Time
Standard: [X]
Rush Charges Authorized For:
2 Week: [ ]
1 Week: [ ]
Other: [ ] _____

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No: 922486
Job No: E050

Sample Identification	Date	Time	Matrix	No. of Cont.	VOA+10	Sample Numbers
FOB1605	8/16/05	9:15	AQ	2	X	661 886
MW6A	8/16/05	11:50	GW	3	X	887
MW6B	8/16/05	14:46	GW	3	X	888
TOB1605	8/16/05	—	AQ	2	X	889
FOB1705	8/17/05	10:15	AQ	2	X	890
MW37A	8/17/05	11:15	GW	3	X	891
MW37B	8/17/05	13:35	GW	3	X	892

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil: 12
Water:

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1) Jeff Holzer	ENSR	8-17-05 / 18:00	1)	STL
2)		/	2)	
3)		/	3)	
4)		/	4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

STL-6003

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
STL Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E050 **Site:** Phillipsburg

Client: ENSR Consulting & Engineering - NJ

VOAMS

WATER - 624

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
661886	8/16/2005	8/17/2005			8/24/2005	Moroney, Christopher	9297
661887	8/16/2005	8/17/2005			8/24/2005	Moroney, Christopher	9297
661888	8/16/2005	8/17/2005			8/24/2005	Moroney, Christopher	9297
661889	8/16/2005	8/17/2005			8/24/2005	Moroney, Christopher	9297
661890	8/17/2005	8/17/2005			8/24/2005	Moroney, Christopher	9297
661891	8/17/2005	8/17/2005			8/24/2005	Moroney, Christopher	9297
661892	8/17/2005	8/17/2005			8/24/2005	Moroney, Christopher	9297

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B. Water samples are analyzed for volatile organics by purge and trap GC/PID and GC/ELCD as specified in EPA Methods 601 and 602. Solid samples are analyzed by GC/PID and GC/ELCD in accordance with SW-846, 3rd Edition Method 8021B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in “Methods for Chemical Analysis of Water and Wastewater” (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication “Test Methods for Evaluating Solid Waste” (SW-846, 3rd Edition); samples are digested according to Method 3050B “Acid Digestion of Soil, Sediments and Sludges.”

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication “Test Methods for Evaluating Solid Waste” (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Reactivity - Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 17th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified detection limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

Non-Conformance Summary

Nonconformance Summary

STL Edison Job Number: E050

Client: ENSR Consulting & Engineering - NJ

Date: 9/2/2005

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

All data conforms with method requirements.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Michael J.Urban
Laboratory Manager

GC/MS Forms and Data (Volatiles)

Results Summary and Chromatograms

Client ID: **F081605**
Site: Phillipsburg

Lab Sample No: **661886**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83245.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	ND	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	ND	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **F081605**
Site: Phillipsburg

Lab Sample No: **661886**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83245.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83245.d
Report Date: 24-Aug-2005 07:35

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83245.d
Lab Smp Id: 661886 Client Smp ID: F081605
Inj Date : 24-AUG-2005 01:30
Operator : CD Inst ID: VOAMS7.i
Smp Info : 661886
Misc Info : E050;9297;;CJM
Comment :
Method : /chem/VOAMS7.i/624/08-16-05/23aug05.b/624_05.m
Meth Date : 24-Aug-2005 06:49 moroneyc Quant Type: ISTD
Cal Date : 16-AUG-2005 13:43 Cal File: v82916.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PPVOAv.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

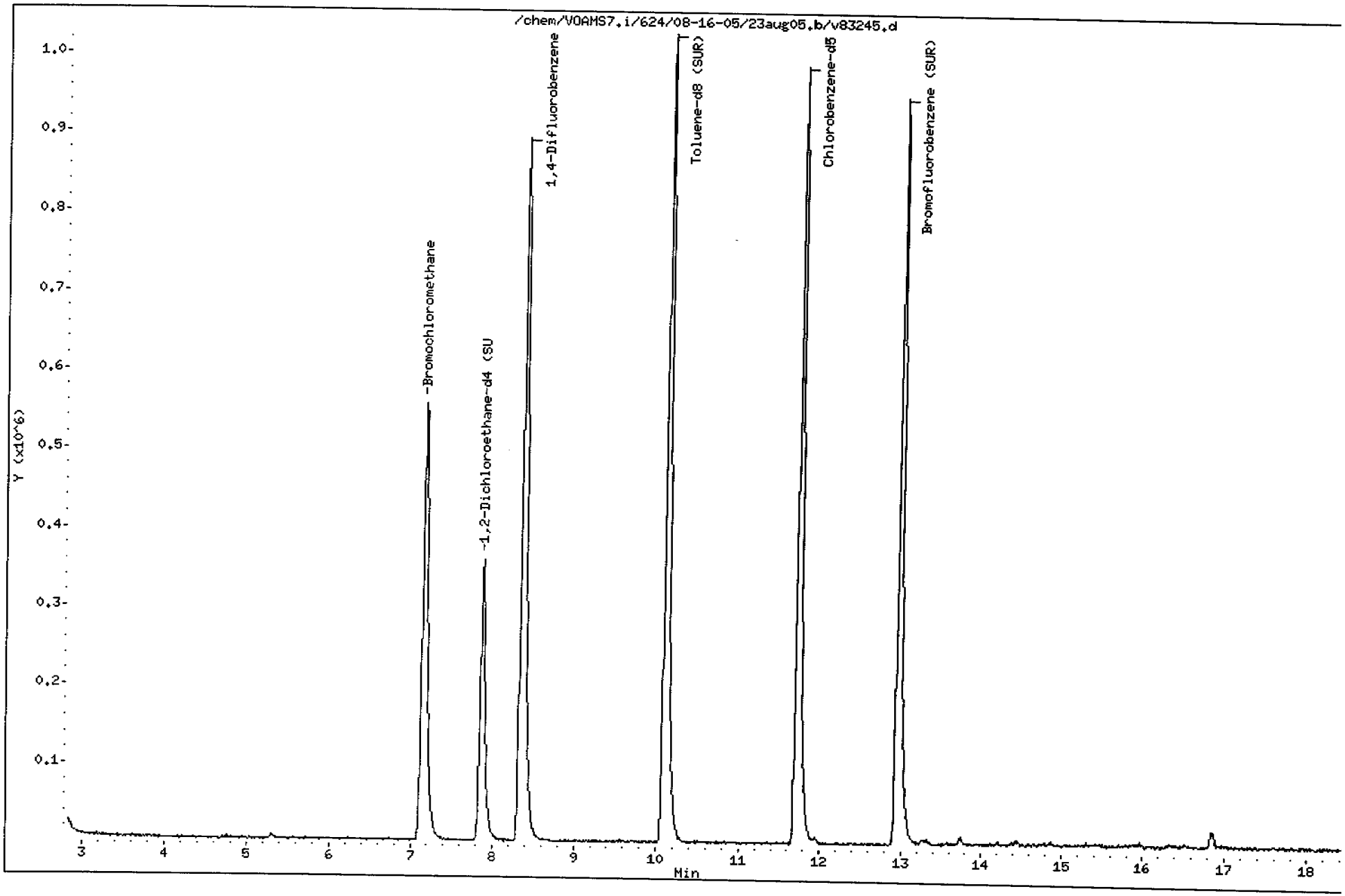
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
* 2 Bromochloromethane	128	7.149	7.139	(1.000)	389355	30.0000	
$ 16 1,2-Dichloroethane-d4 (SUR)	104	7.858	7.856	(0.940)	93169	29.5119	30
* 19 1,4-Difluorobenzene	114	8.356	8.346	(1.000)	1720850	30.0000	
$ 37 Toluene-d8 (SUR)	98	10.095	10.085	(0.862)	1442181	28.0092	28
* 32 Chlorobenzene-d5	117	11.716	11.715	(1.000)	1263625	30.0000	
$ 41 Bromofluorobenzene (SUR)	174	12.948	12.947	(1.105)	587110	27.6672	28

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83245.d
Date : 24-AUG-2005 01:30
Client ID: F081605
Sample Info: 661886
Purge Volume: 5.0
Column phase: DB624

Instrument: VOAMS7.i

Operator: CD
Column diameter: 0.53



STL Edison
E050

Client ID: **MW6A**
Site: Phillipsburg

Lab Sample No: **661887**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83246.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	1.5	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	2.8	0.4
1,1-Dichloroethane	11	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	39	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	4.4	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	1.0	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	0.6	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **MW6A**
Site: Phillipsburg

Lab Sample No: **661887**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83246.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83246.d
Report Date: 24-Aug-2005 07:35

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

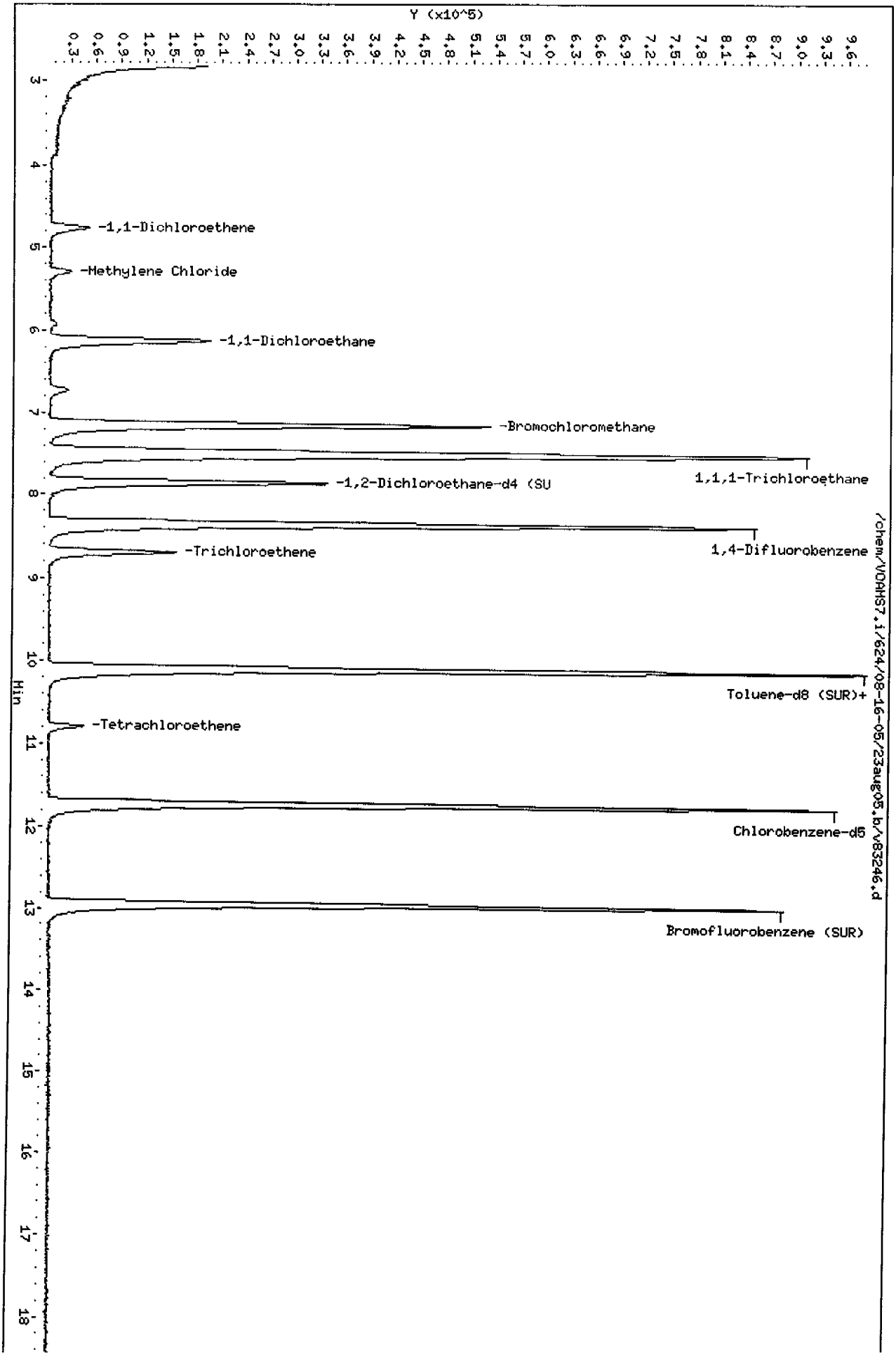
Data file : /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83246.d
Lab Smp Id: 661887 Client Smp ID: MW6A
Inj Date : 24-AUG-2005 01:55
Operator : CD Inst ID: VOAMS7.i
Smp Info : 661887
Misc Info : E050;9297;;CJM
Comment :
Method : /chem/VOAMS7.i/624/08-16-05/23aug05.b/624_05.m
Meth Date : 24-Aug-2005 06:49 moroneyc Quant Type: ISTD
Cal Date : 16-AUG-2005 13:43 Cal File: v82916.d
Als bottle: 40
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PPVOAv.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	10 1,1-Dichloroethene	96	4.750	4.758	(0.665)	50758	2.76316	2.8
	6 Methylene Chloride	84	5.290	5.298	(0.741)	31397	1.47021	1.5
	11 1,1-Dichloroethane	63	6.126	6.109	(0.858)	455050	11.2521	11
*	2 Bromochloromethane	128	7.139	7.139	(1.000)	375622	30.0000	
	20 1,1,1-Trichloroethane	97	7.494	7.502	(1.050)	1521882	38.9038	39
$	16 1,2-Dichloroethane-d4 (SUR)	104	7.857	7.856	(0.941)	91852	30.6669	31
*	19 1,4-Difluorobenzene	114	8.347	8.346	(1.000)	1632629	30.0000	
	25 Trichloroethene	95	8.693	8.692	(1.041)	112720	4.37803	4.4
$	37 Toluene-d8 (SUR)	98	10.086	10.085	(0.862)	1379527	28.5820	28
	38 Toluene	91	10.153	10.170	(0.867)	39314	0.58451	0.58
	35 Tetrachloroethene	166	10.786	10.794	(0.921)	30001	0.99508	1.00
*	32 Chlorobenzene-d5	117	11.707	11.715	(1.000)	1184506	30.0000	
$	41 Bromofluorobenzene (SUR)	174	12.939	12.947	(1.105)	562569	28.2815	28


Y (x10^5)
-1,1-Dichloroethene
-Methylene Chloride
-1,1-Dichloroethane
-Bromochloromethane
1,1,1-Trichloroethane
-1,2-Dichloroethane-d4 (SU
1,4-Difluorobenzene
-Trichloroethene
Toluene-d8 (SUR)+
-Tetrachloroethene
Chlorobenzene-d5
Bromofluorobenzene (SUR)
Min
/chem/VOAHS7.i/624/08-16-05/23aug05.b/v83246.d
Data File: /chem/VOAHS7.i/624/08-16-05/23aug05.b/v83246.d
Date : 24-AUG-2005 01:55
Client ID: MW6A
Sample Info: 661887
Purge Volume: 5.0
Column phase: DB624
Instrument: VOAHS7.i
Operator: CD
Column diameter: 0.53

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83246.d

Date : 24-AUG-2005 01:55

Client ID: MW6A

Instrument: VOAMS7.i

Sample Info: 661887

Purge Volume: 5.0

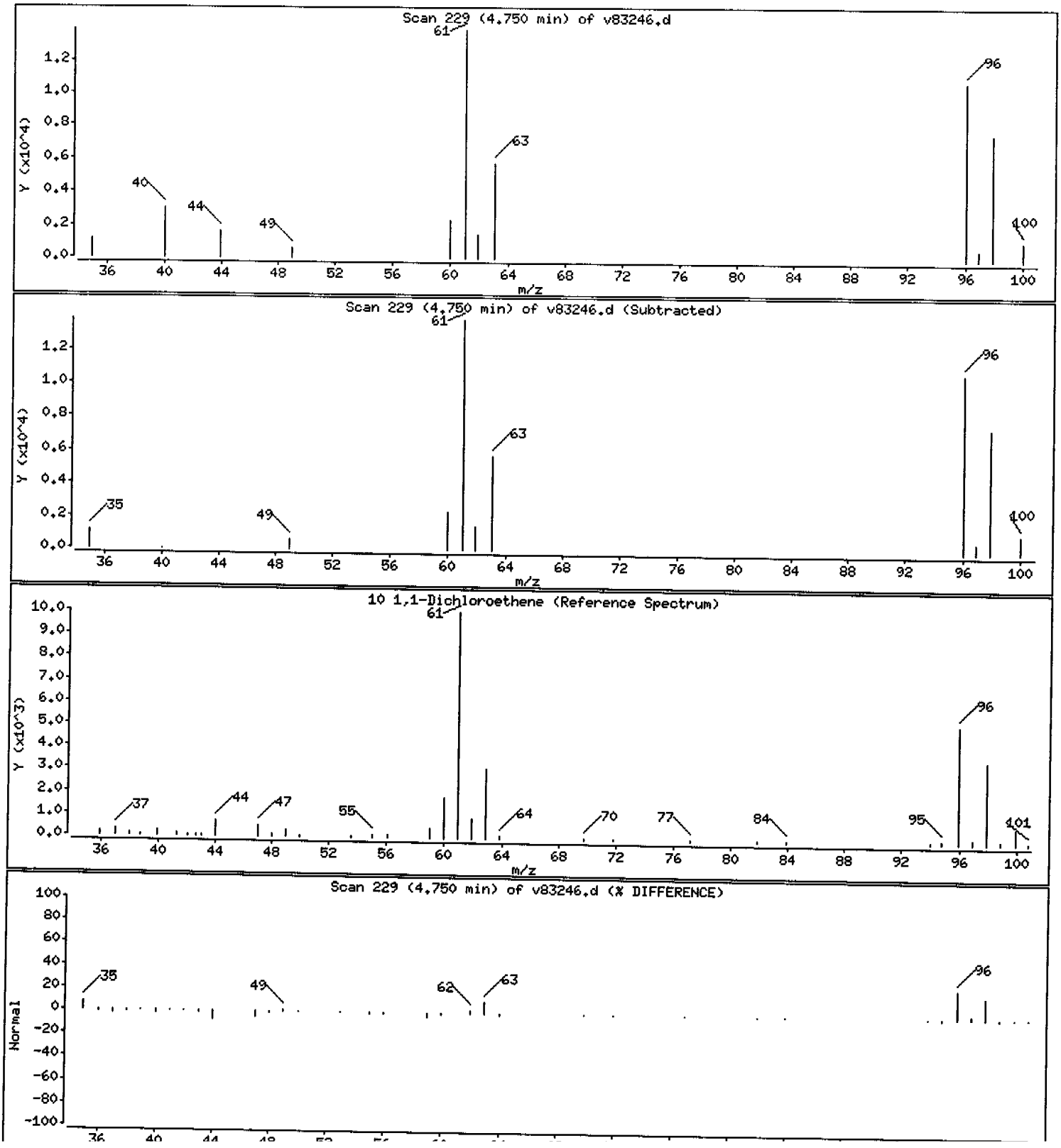
Operator: CD

Column phase: DB624

Column diameter: 0.53

10 1,1-Dichloroethene

Concentration: 2.8 ug/L



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Date : 24-AUG-2005 01:55

Client ID: MW6A

Instrument: VOAMS7.i

Sample Info: 661887

Purge Volume: 5.0

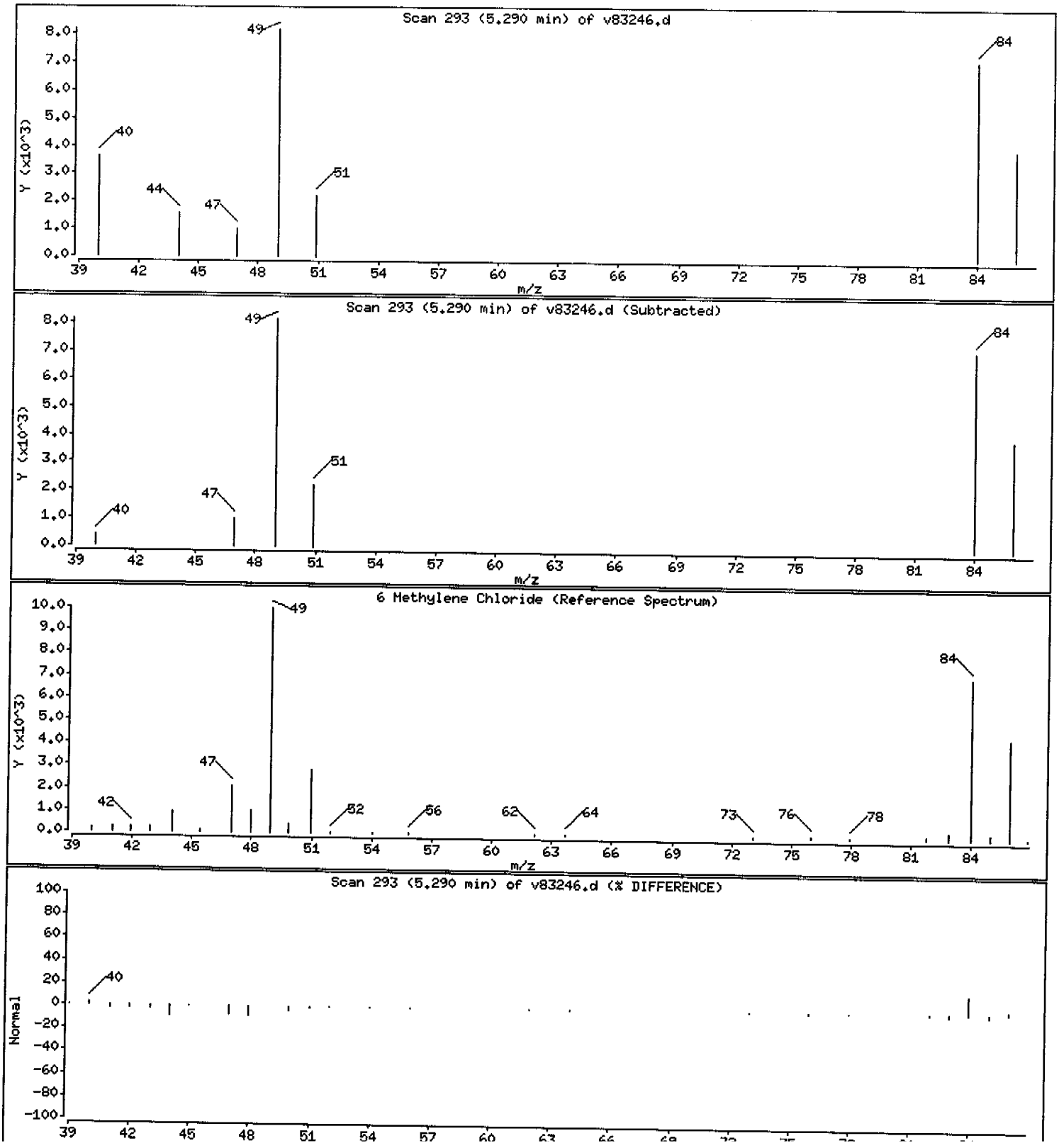
Operator: CD

Column phase: DB624

Column diameter: 0.53

6 Methylene Chloride

Concentration: 1.5 ug/L



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Date : 24-AUG-2005 01:55

Client ID: MW6A

Instrument: VOAMS7.i

Sample Info: 661887

Purge Volume: 5.0

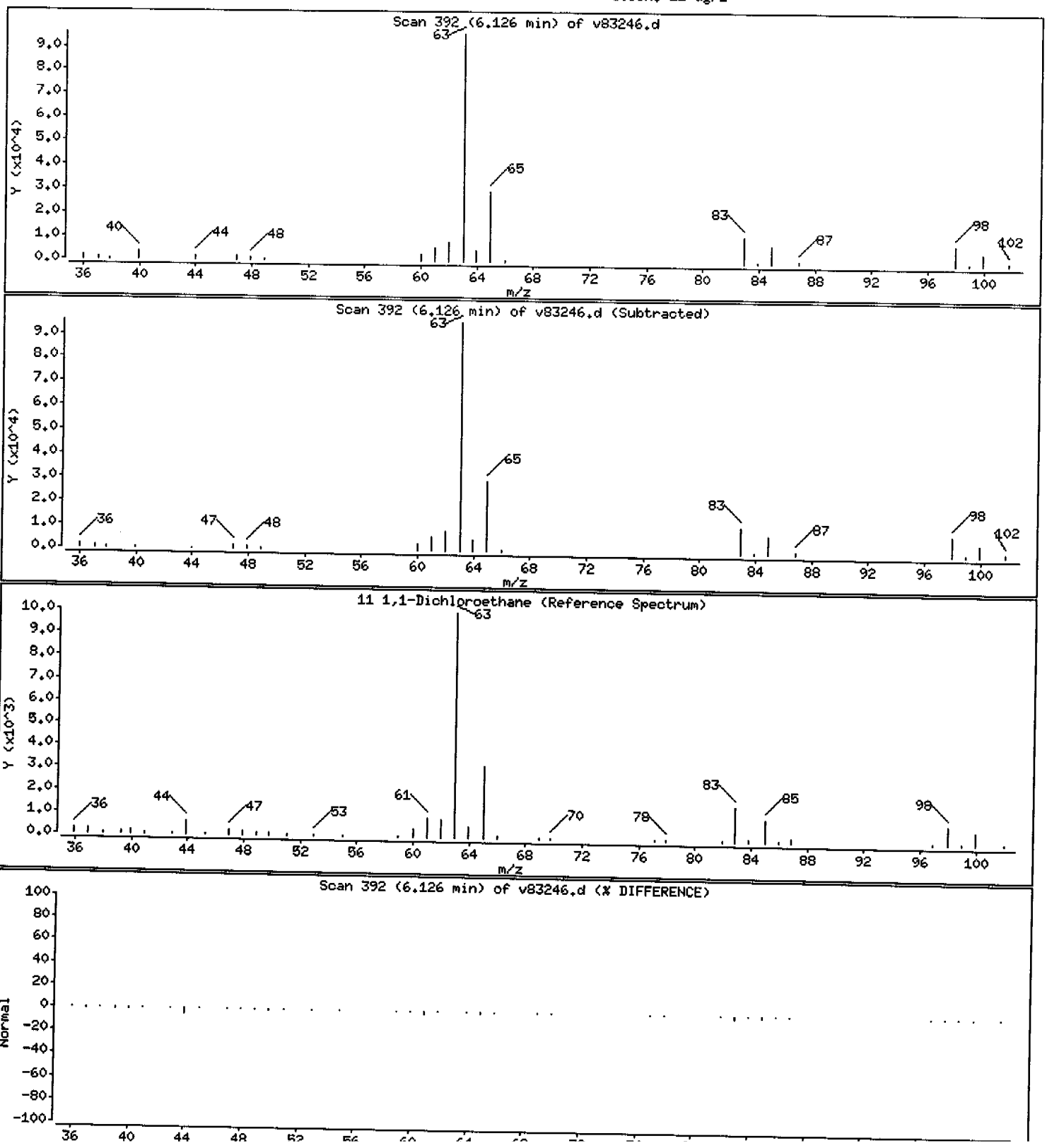
Operator: CD

Column phase: DB624

Column diameter: 0.53

11 1,1-Dichloroethane

Concentration: 11 ug/L



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83246.d

Date : 24-AUG-2005 01:55

Client ID: MW6A

Instrument: VOAMS7.i

Sample Info: 661887

Purge Volume: 5.0

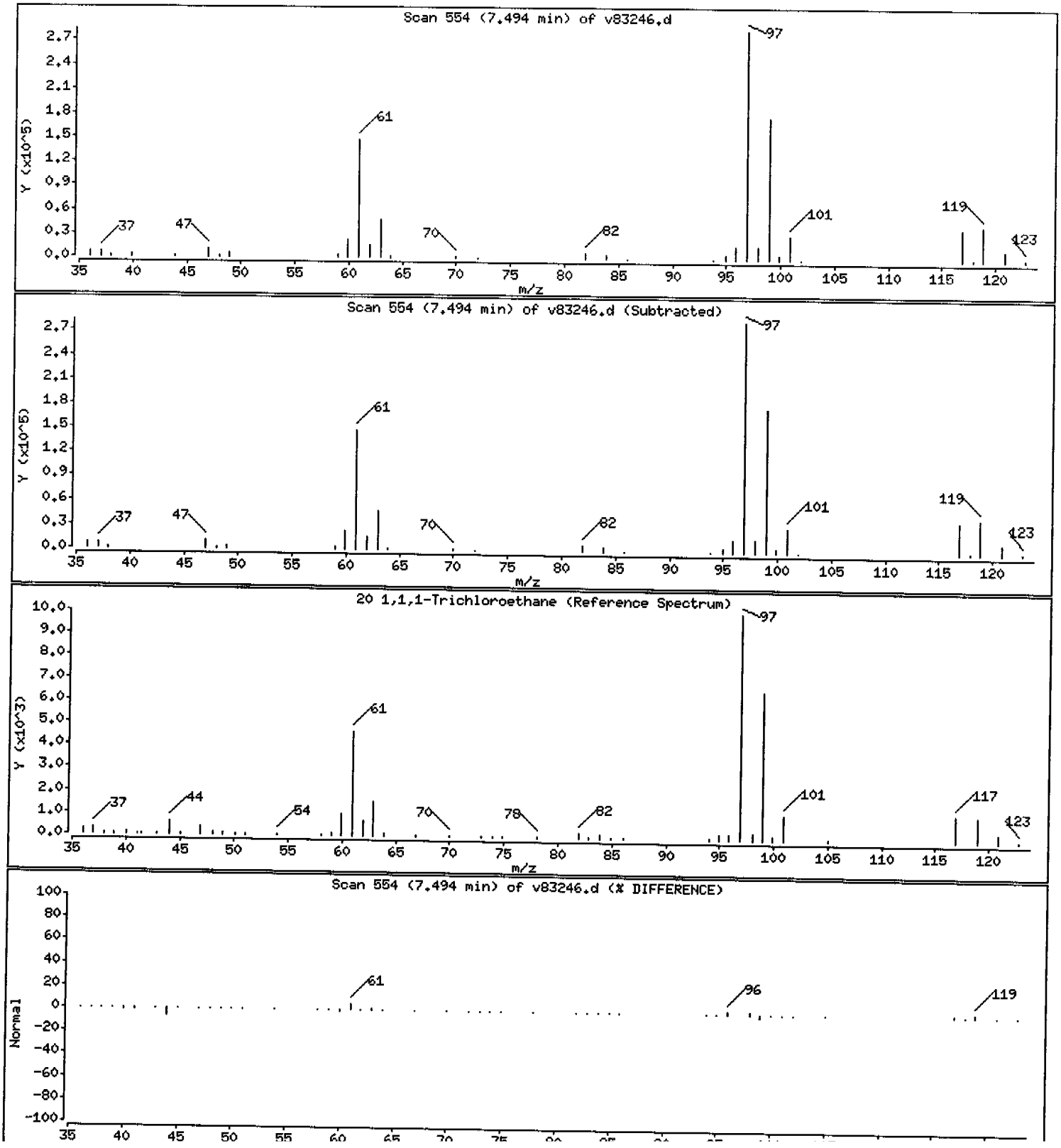
Operator: CD

Column phase: DB624

Column diameter: 0.53

20 1,1,1-Trichloroethane

Concentration: 39 ug/L



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83246.d

Date : 24-AUG-2005 01:55

Client ID: MW6A

Instrument: VOAMS7.i

Sample Info: 661887

Purge Volume: 5.0

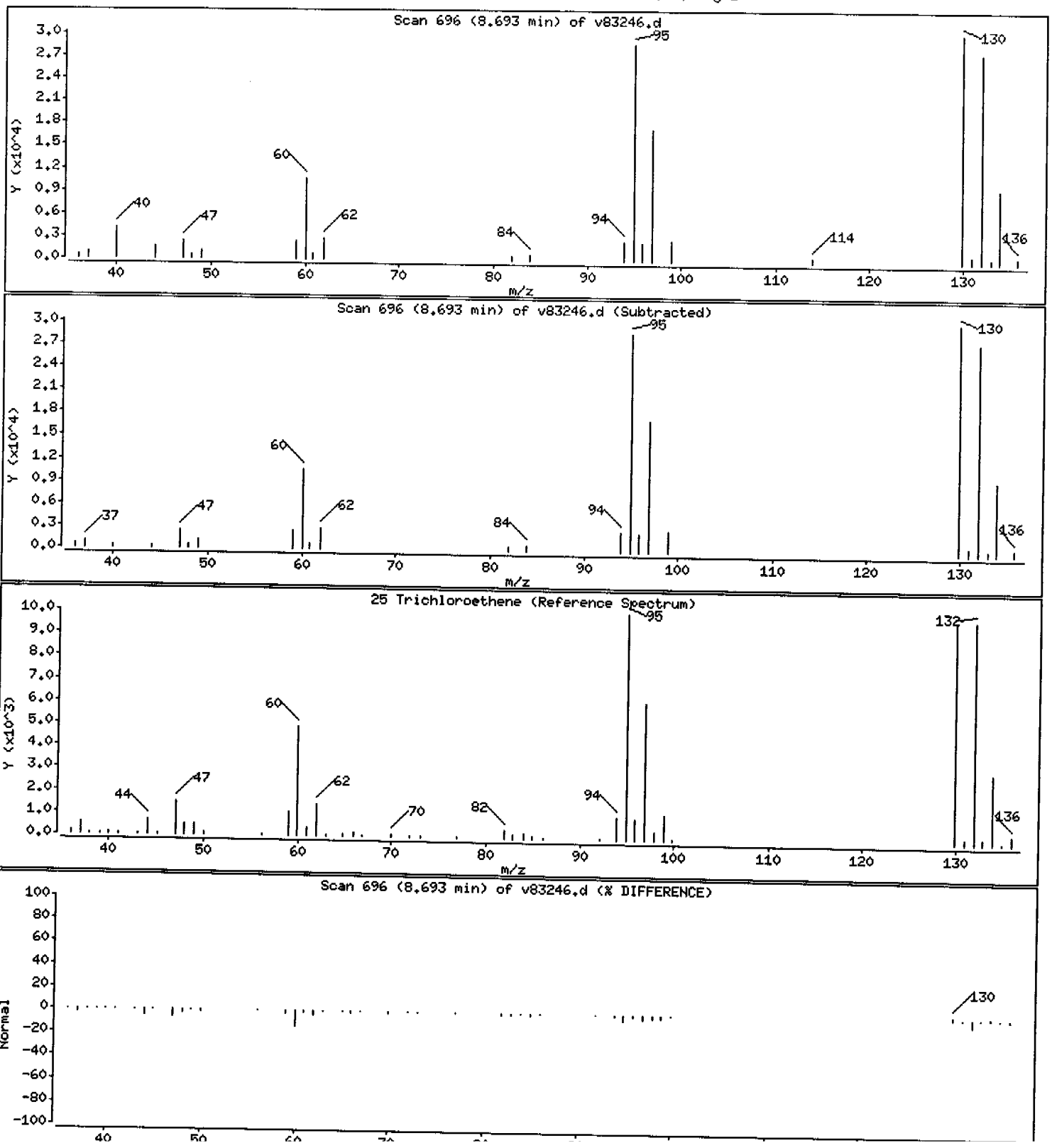
Operator: CD

Column phase: DB624

Column diameter: 0.53

25 Trichloroethene

Concentration: 4.4 ug/L



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Date : 24-AUG-2005 01:55

Client ID: MW6A

Instrument: VOAMS7.i

Sample Info: 661887

Purge Volume: 5.0

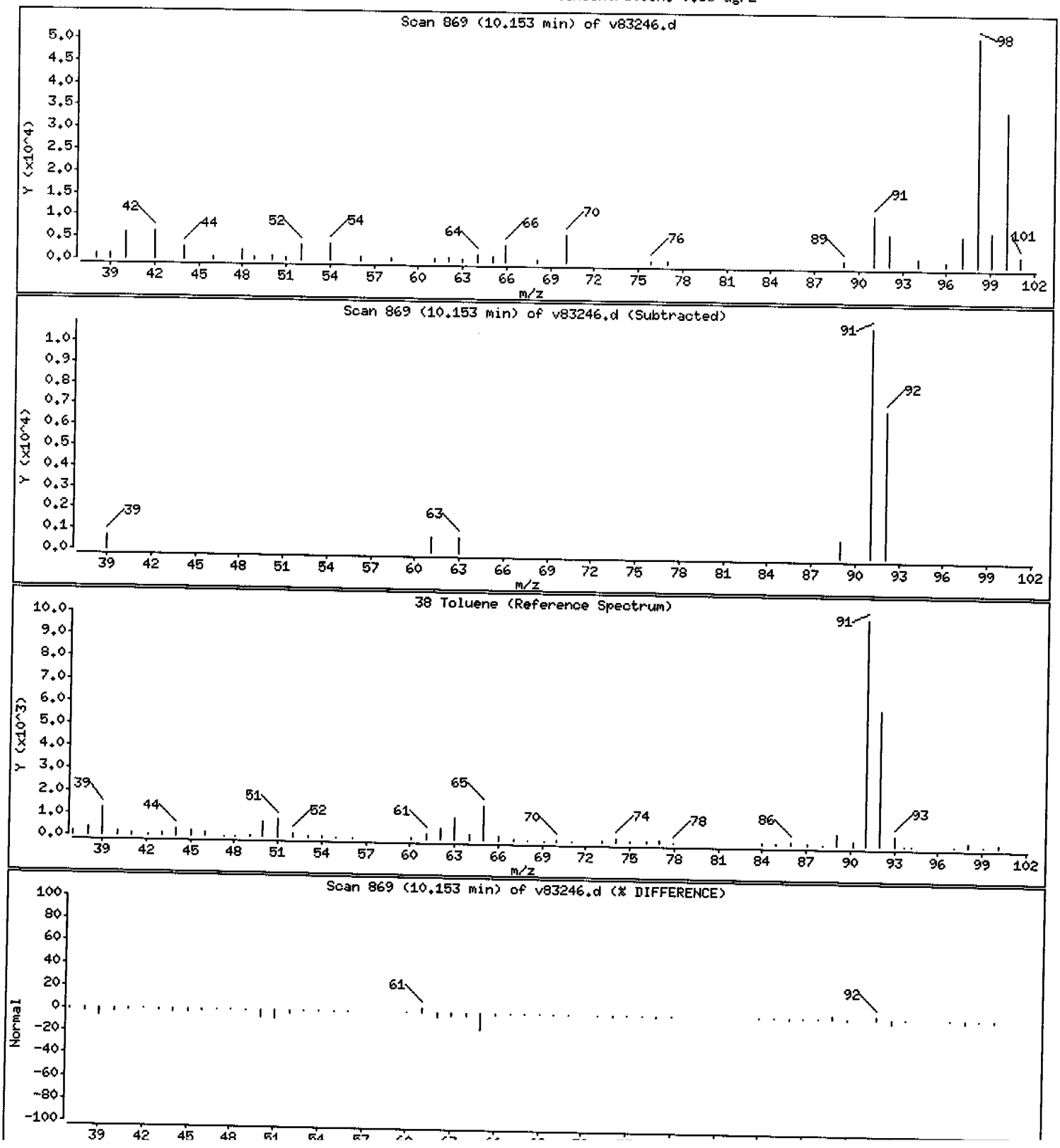
Operator: CD

Column phase: DB624

Column diameter: 0.53

38 Toluene

Concentration: 0.58 ug/L



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83246.d

Date : 24-AUG-2005 01:55

Client ID: MW6A

Instrument: VOAMS7.i

Sample Info: 661887

Purge Volume: 5.0

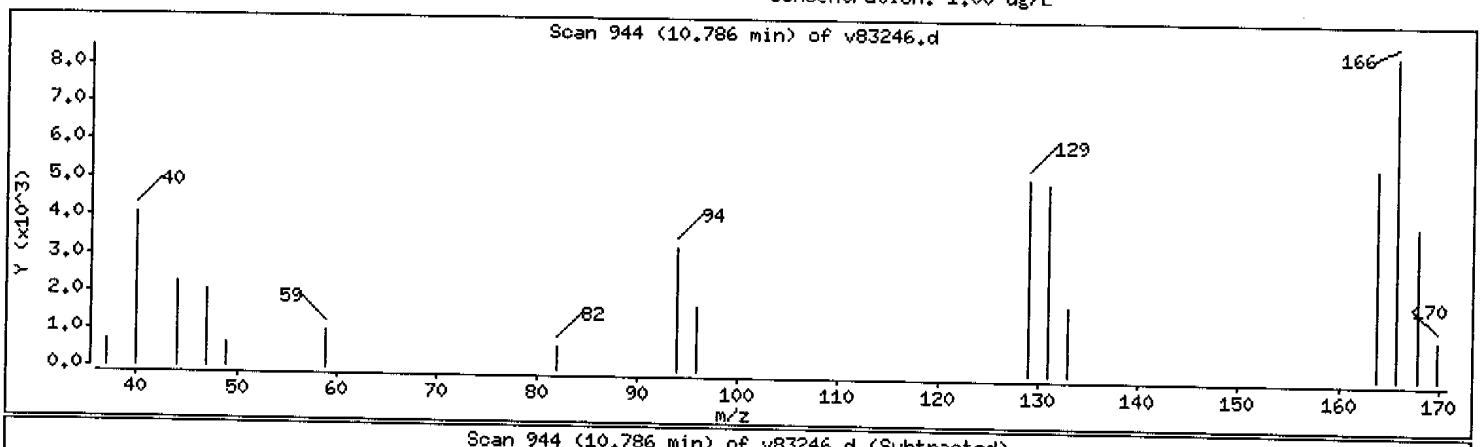
Operator: CD

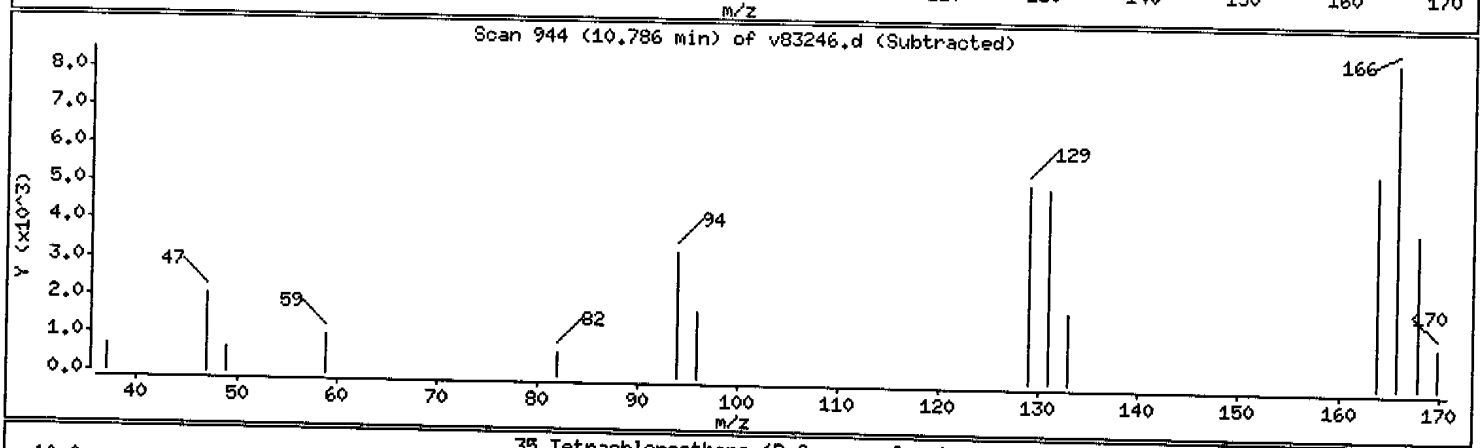
Column phase: DB624

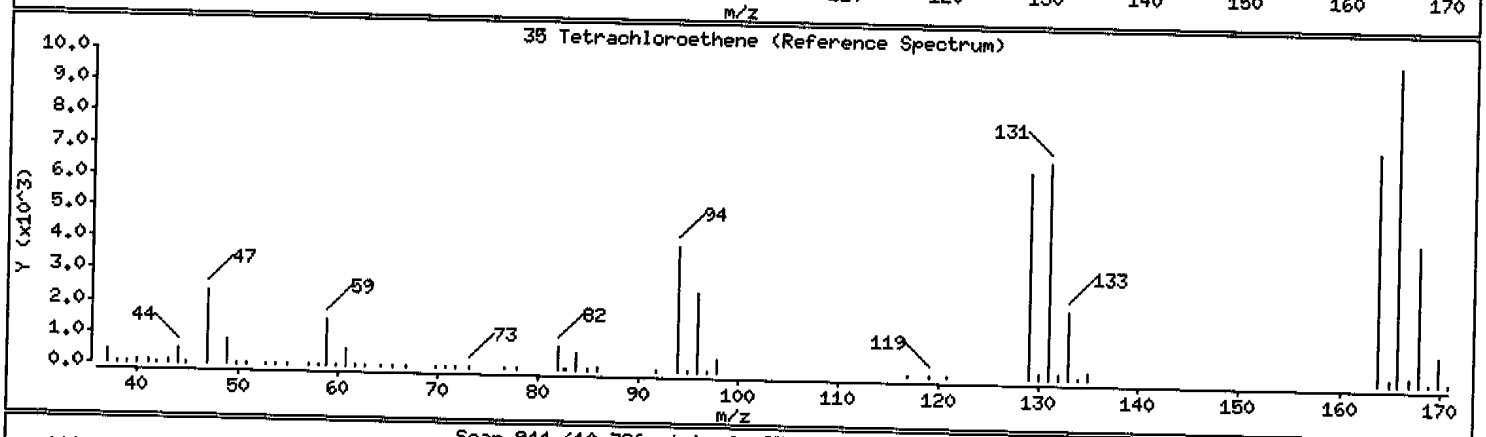
Column diameter: 0.53

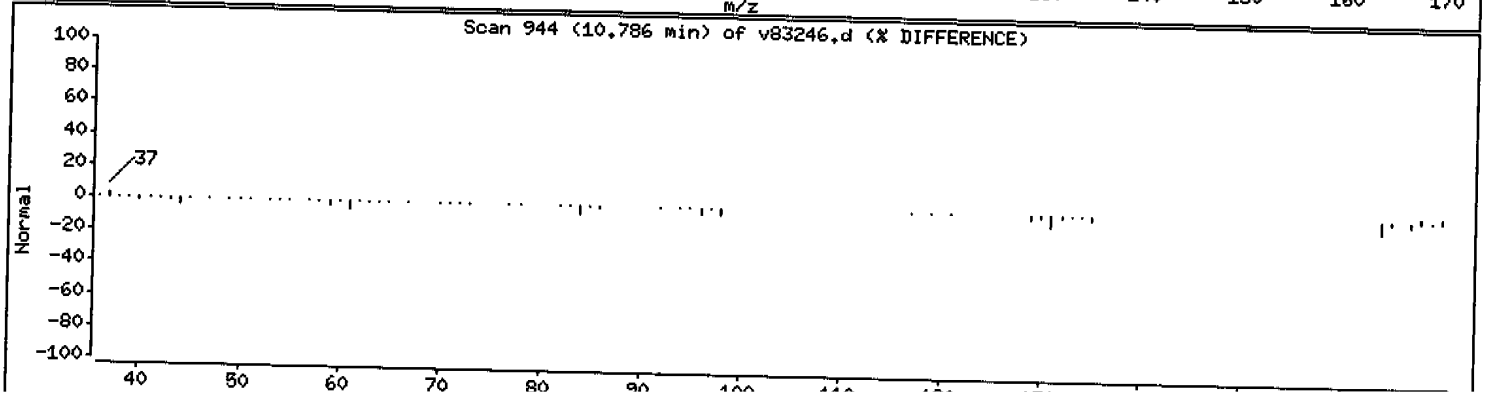
35 Tetrachloroethene

Concentration: 1.00 ug/L









Client ID: **MW6B**
Site: Phillipsburg

Lab Sample No: **661888**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83247.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	0.6	0.2
1,1-Dichloroethene	1.3	0.4
1,1-Dichloroethane	1.6	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	7.6	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	1.2	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	ND	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **MW6B**
Site: Phillipsburg

Lab Sample No: **661888**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83247.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	Fluorodichloromethane	4.06	3.4	
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 3.4

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83247.d
Report Date: 24-Aug-2005 07:35

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

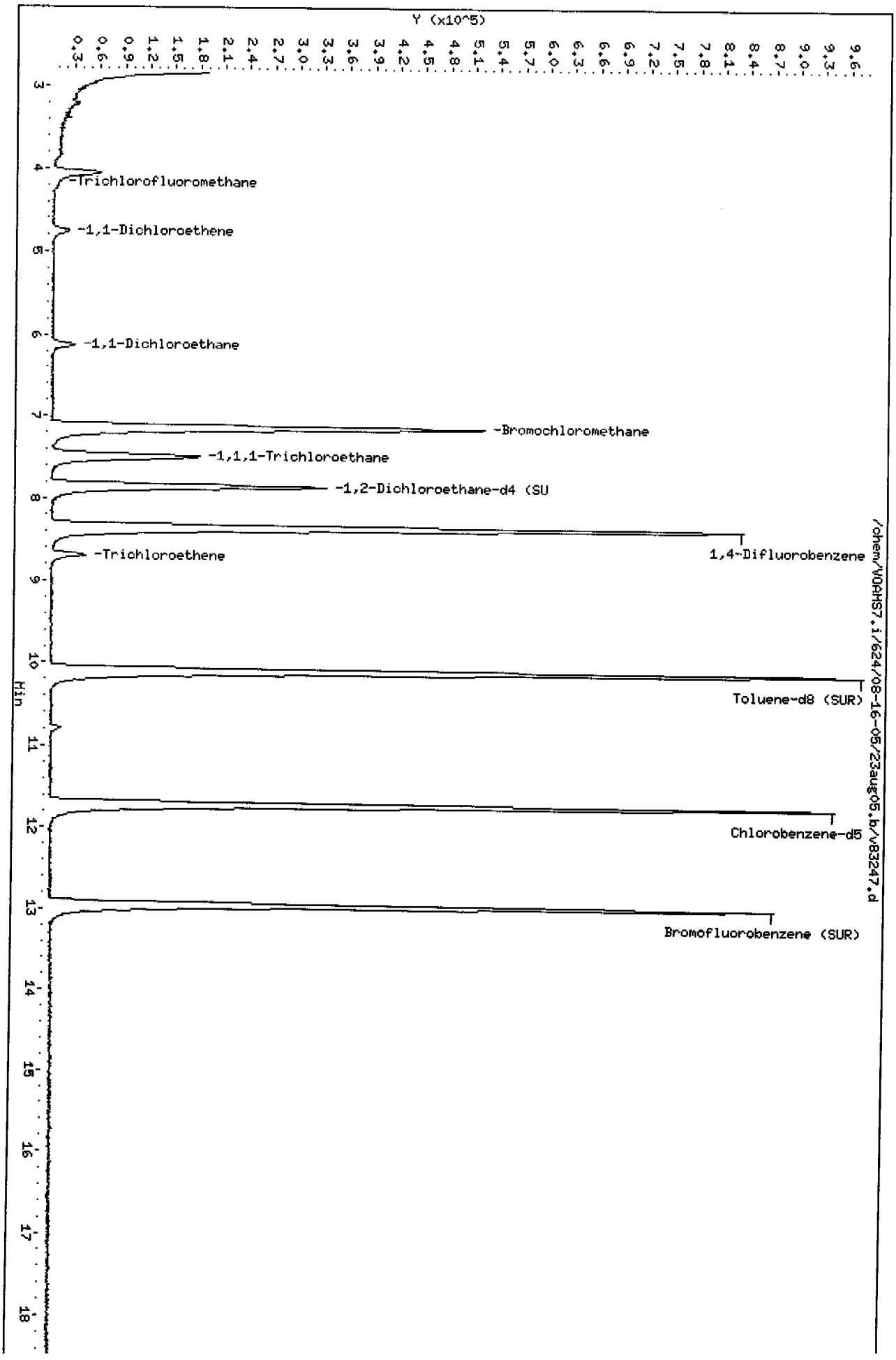
Data file : /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83247.d
Lab Smp Id: 661888 Client Smp ID: MW6B
Inj Date : 24-AUG-2005 02:21
Operator : CD Inst ID: VOAMS7.i
Smp Info : 661888
Misc Info : E050;9297;;CJM
Comment :
Method : /chem/VOAMS7.i/624/08-16-05/23aug05.b/624_05.m
Meth Date : 24-Aug-2005 06:49 moroneyc Quant Type: ISTD
Cal Date : 16-AUG-2005 13:43 Cal File: v82916.d
Als bottle: 41
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PPVOAv.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	9 Trichlorofluoromethane	101	4.203	4.209	(0.588)	19420	0.63768	0.64
	10 1,1-Dichloroethene	96	4.760	4.758	(0.666)	22944	1.28711	1.3
	11 1,1-Dichloroethane	63	6.128	6.109	(0.857)	63641	1.62165	1.6
*	2 Bromochloromethane	128	7.149	7.139	(1.000)	364506	30.0000	
	20 1,1,1-Trichloroethane	97	7.487	7.502	(1.047)	289924	7.63734	7.6
$	16 1,2-Dichloroethane-d4 (SUR)	104	7.850	7.856	(0.940)	89582	29.9619	30
*	19 1,4-Difluorobenzene	114	8.348	8.346	(1.000)	1629747	30.0000	
	25 Trichloroethene	95	8.694	8.692	(1.041)	31445	1.22348	1.2
$	37 Toluene-d8 (SUR)	98	10.087	10.085	(0.862)	1383266	28.7181	29
*	32 Chlorobenzene-d5	117	11.708	11.715	(1.000)	1182088	30.0000	
$	41 Bromofluorobenzene (SUR)	174	12.940	12.947	(1.105)	551022	27.7577	28



Data File: /chem/VOAHS7.i/624/08-16-05/23aug05.b/v83247.d
Date : 24-AUG-2005 02:21
Client ID: MW6B
Sample Info: 661883
Purge Volume: 5.0
Column phase: DB624

Instrument: VOAHS7.i
Operator: CD
Column diameter: 0.53

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83247.d

Date : 24-AUG-2005 02:21

Client ID: MW6B

Instrument: VOAMS7.i

Sample Info: 661888

Purge Volume: 5.0

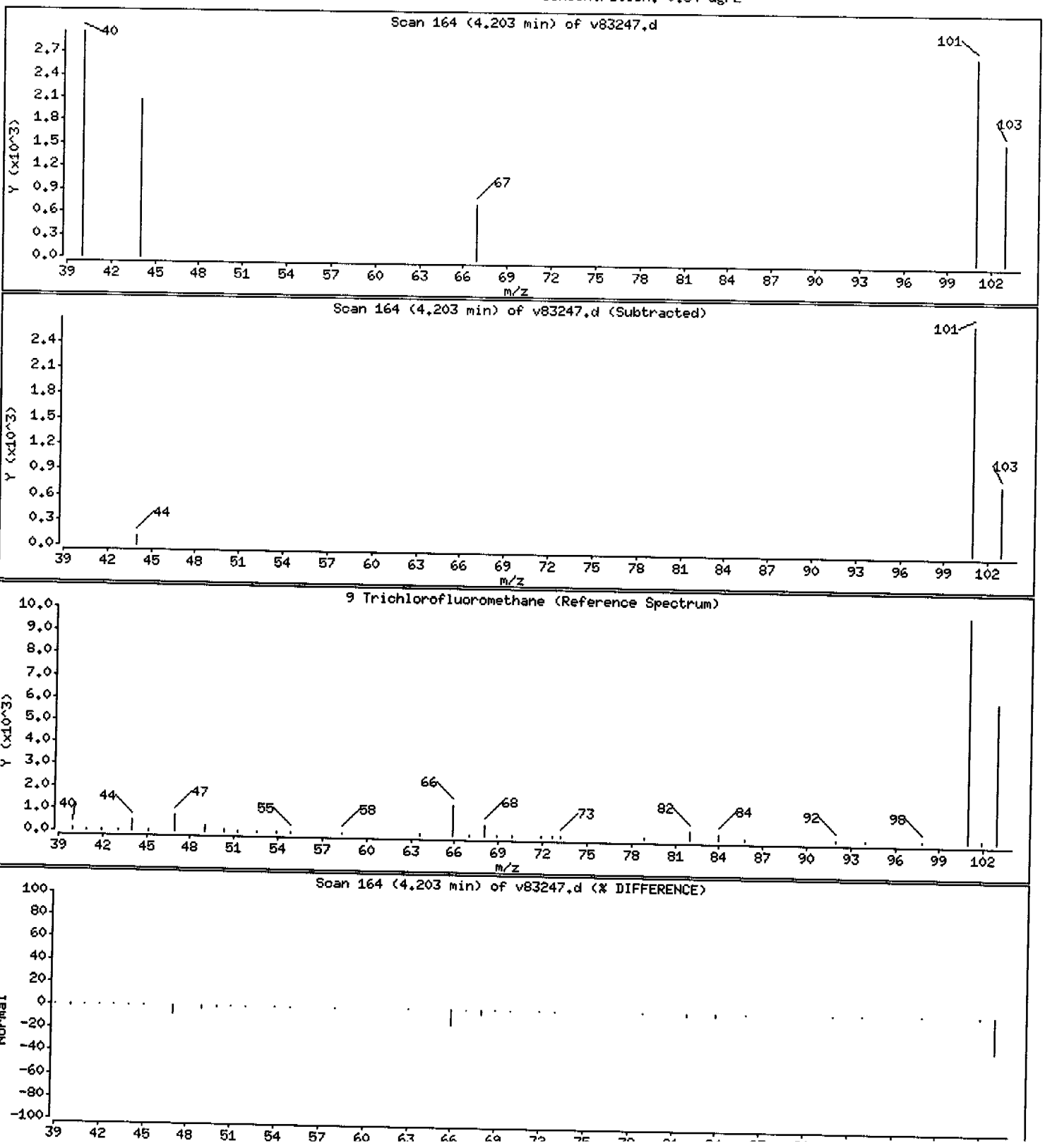
Operator: CD

Column phase: DB624

Column diameter: 0.53

9 Trichlorofluoromethane

Concentration: 0.64 ug/L



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83247.d

Date : 24-AUG-2005 02:21

Client ID: MW6B

Instrument: VOAMS7.i

Sample Info: 661888

Purge Volume: 5.0

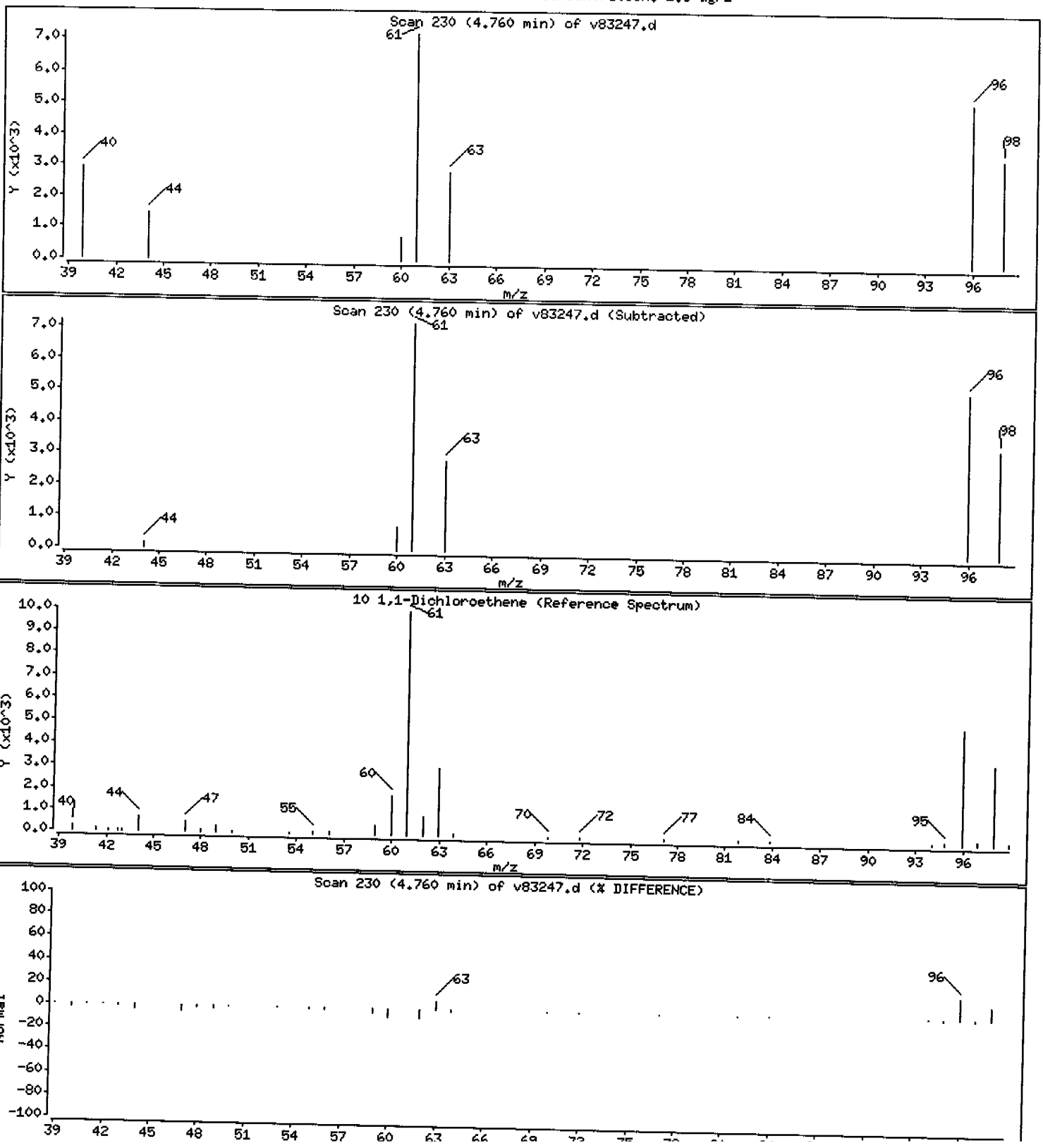
Operator: CD

Column phase: DB624

Column diameter: 0.53

10 1,1-Dichloroethene

Concentration: 1.3 ug/L



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Date : 24-AUG-2005 02:21

Client ID: MW6B

Instrument: VOAMS7.i

Sample Info: 661888

Purge Volume: 5.0

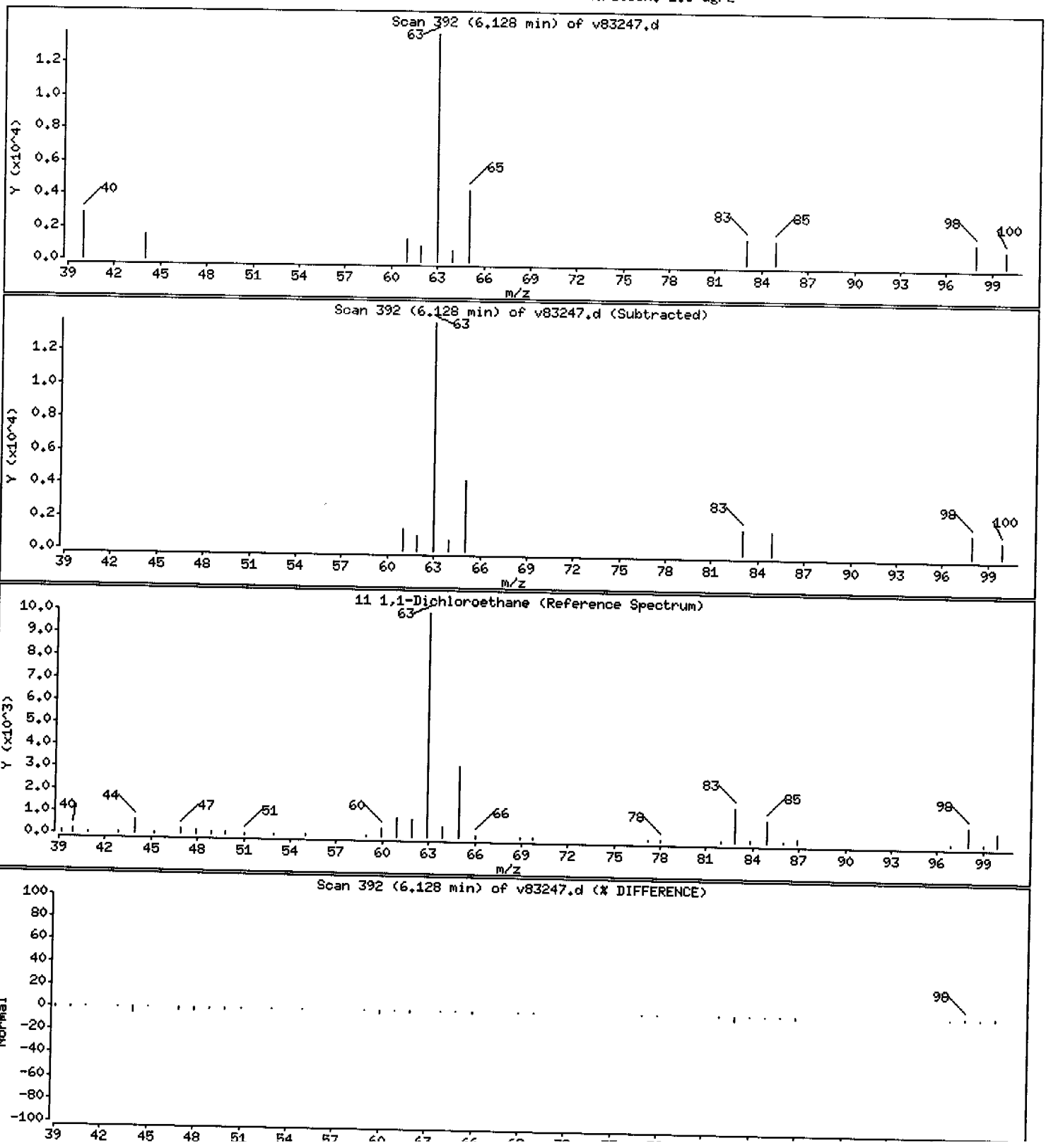
Operator: CD

Column phase: DB624

Column diameter: 0.53

11 1,1-Dichloroethane

Concentration: 1.6 ug/L



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83247.d

Date : 24-AUG-2005 02:21

Client ID: MW6B

Instrument: VOAMS7.i

Sample Info: 661888

Purge Volume: 5.0

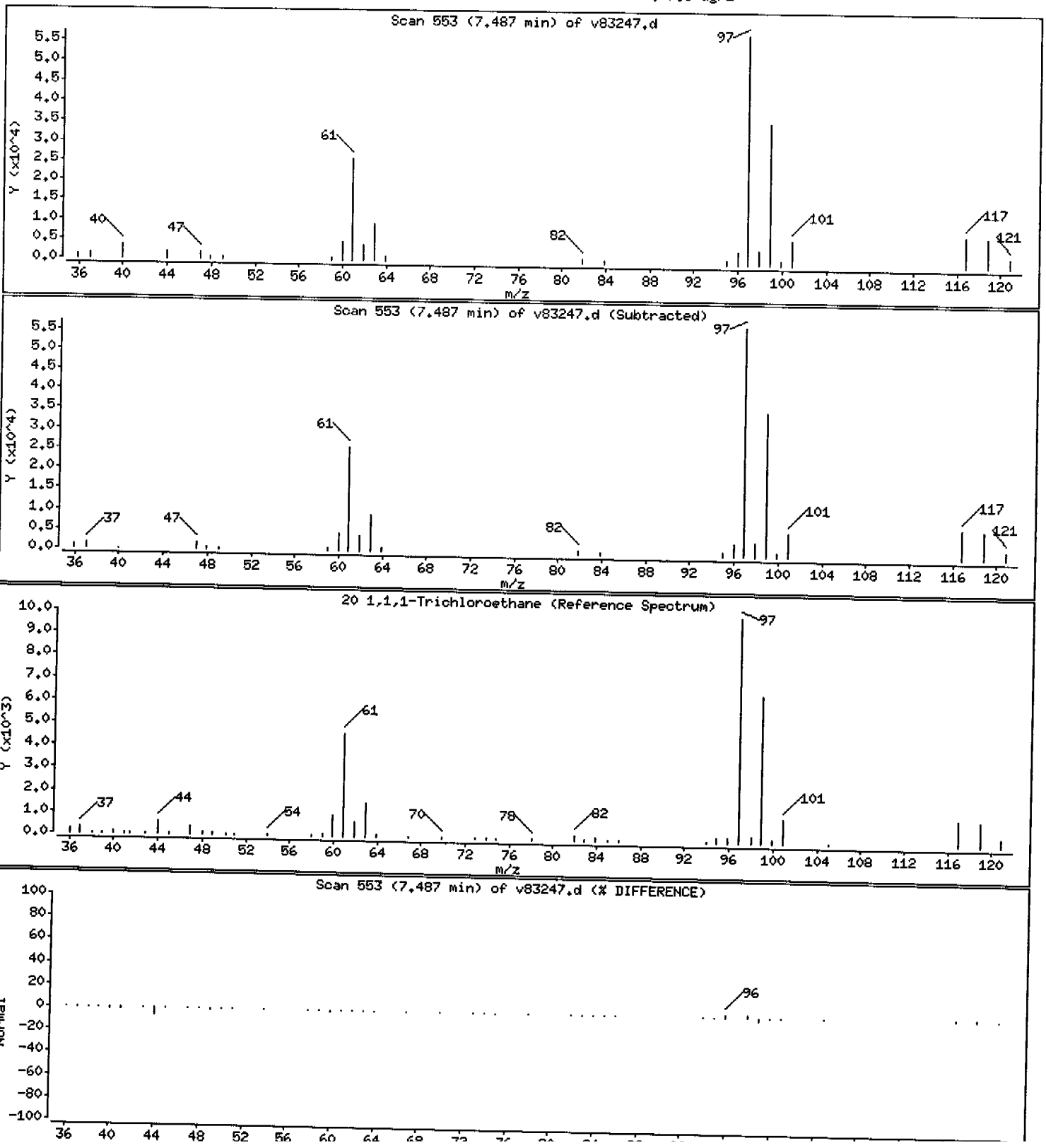
Operator: CD

Column phase: DB624

Column diameter: 0.53

20 1,1,1-Trichloroethane

Concentration: 7.6 ug/L



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83247.d

Date : 24-AUG-2005 02:21

Client ID: MW6B

Instrument: VOAMS7.i

Sample Info: 661888

Purge Volume: 5.0

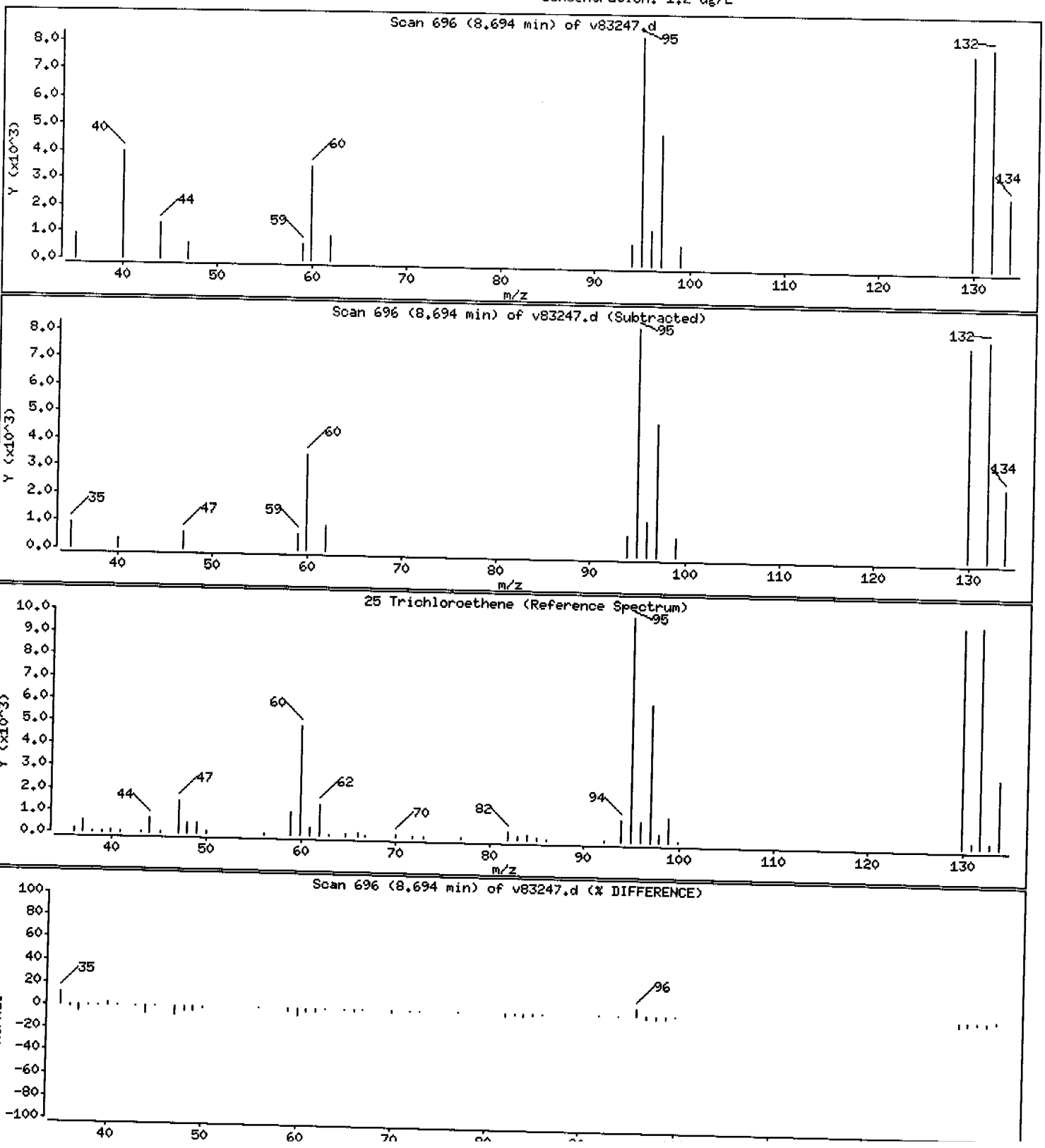
Operator: CD

Column phase: DB624

Column diameter: 0.53

25 Trichloroethene

Concentration: 1.2 ug/L



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83247.d

Date : 24-AUG-2005 02:21

Client ID: MW6B

Instrument: VOAMS7.i

Sample Info: 661888

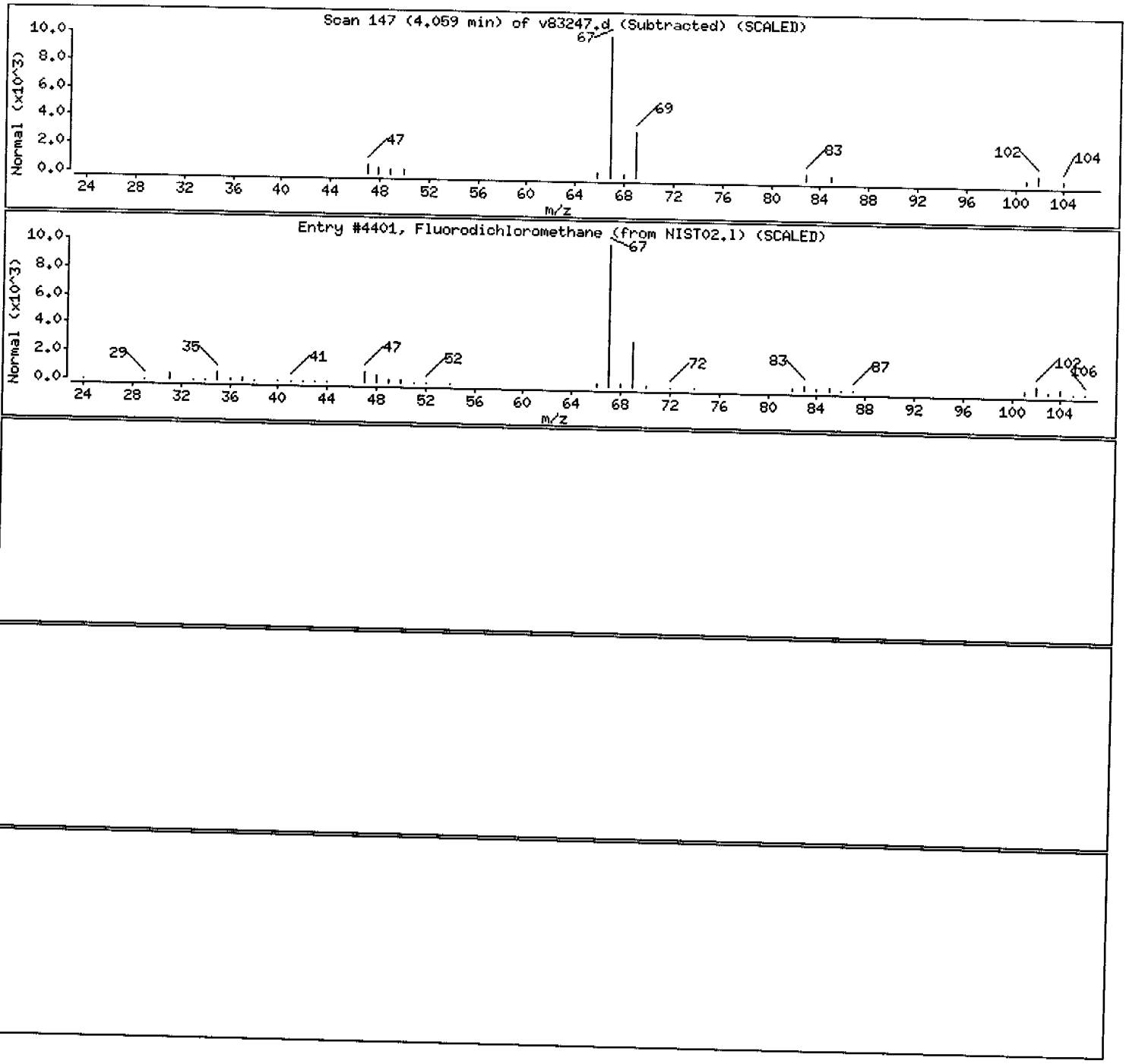
Purge Volume: 5.0

Operator: CD

Column phase: DB624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Fluorodichloromethane	75-43-4	NIST02.l	4401	91	CHCl2F	102



Client ID: **T081605**
Site: Phillipsburg

Lab Sample No: **661889**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83248.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.3
Trichloroethene	ND	0.2
Dibromochloromethane	ND	0.4
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.3
2-Chloroethyl Vinyl Ether	ND	0.2
Bromoform	ND	0.4
Tetrachloroethene	ND	0.2
1,1,2,2-Tetrachloroethane	ND	0.4
Toluene	ND	0.3
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.4
Xylene (Total)	ND	0.5
	ND	0.4

Client ID: **T081605**
Site: Phillipsburg

Lab Sample No: **661889**
Lab Job No: E050

Date Sampled: 08/16/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83248.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83248.d
Report Date: 24-Aug-2005 07:35

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

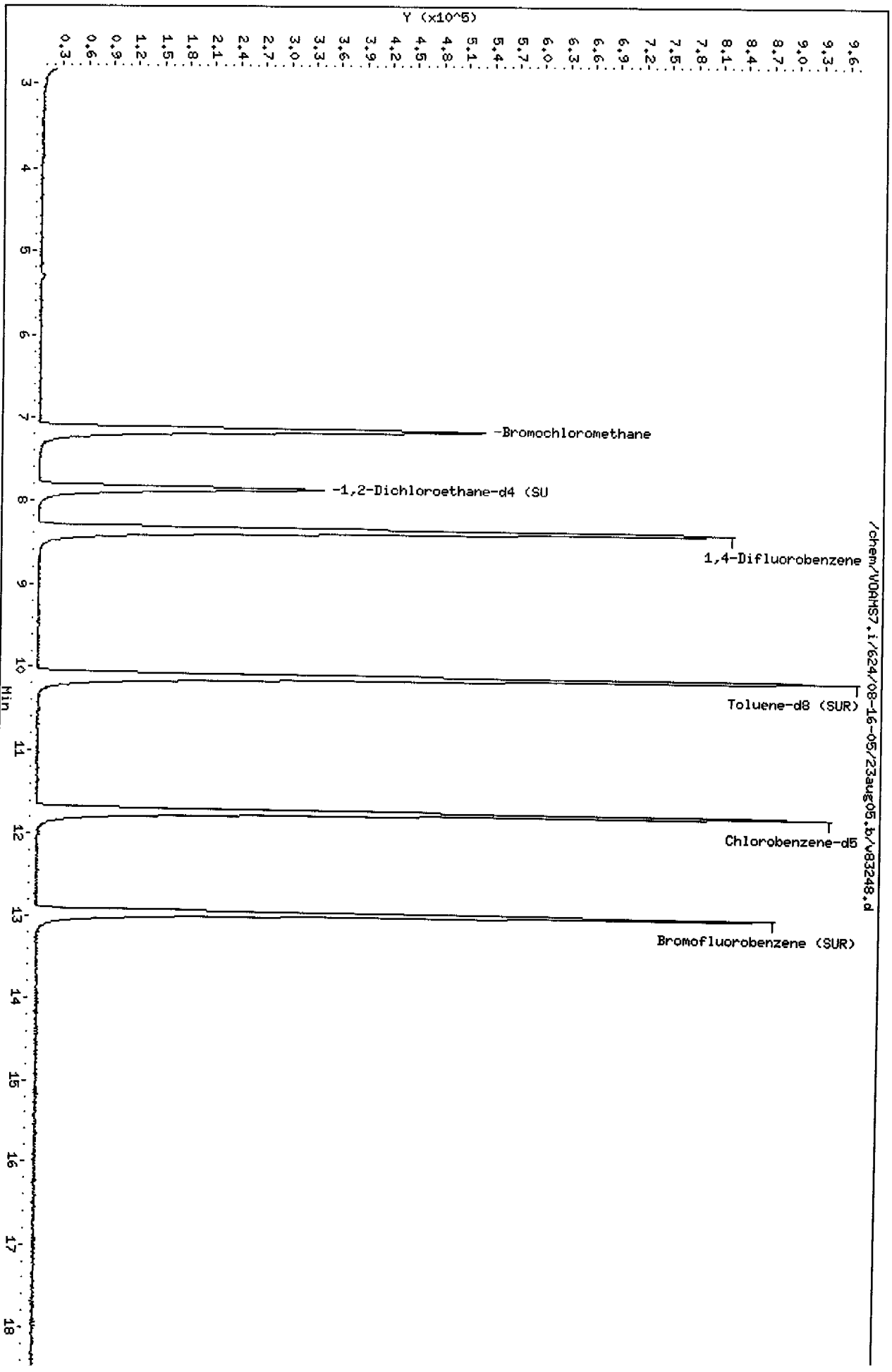
Data file : /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83248.d
Lab Smp Id: 661889 Client Smp ID: T081605
Inj Date : 24-AUG-2005 02:47
Operator : CD Inst ID: VOAMS7.i
Smp Info : 661889
Misc Info : E050;9297;;CJM
Comment :
Method : /chem/VOAMS7.i/624/08-16-05/23aug05.b/624_05.m
Meth Date : 24-Aug-2005 06:49 moroneyc Quant Type: ISTD
Cal Date : 16-AUG-2005 13:43 Cal File: v82916.d
Als bottle: 42
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PPVOAv.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
* 2 Bromochloromethane	128	7.140	7.139	(1.000)	372204	30.0000	
$ 16 1,2-Dichloroethane-d4 (SUR)	104	7.857	7.856	(0.942)	85953	29.2883	29
* 19 1,4-Difluorobenzene	114	8.339	8.346	(1.000)	1599692	30.0000	
$ 37 Toluene-d8 (SUR)	98	10.086	10.085	(0.862)	1373564	28.7489	29
* 32 Chlorobenzene-d5	117	11.707	11.715	(1.000)	1172540	30.0000	
$ 41 Bromofluorobenzene (SUR)	174	12.948	12.947	(1.106)	552161	28.0415	28


Data File: /chem/VOAHS7.i/624/08-16-05/23aug05.b/v83248.d
Date : 24-AUG-2005 02:47
Client ID: T081605
Sample Info: 661889
Purge Volume: 5.0
Column phase: DB624
Instrument: VOAHS7.i
Operator: CD
Column diameter: 0.53
Y (x10^5)
-Bromochloromethane
-1,2-Dichloroethane-d4 (SU
1,4-Difluorobenzene
Toluene-d8 (SUR)
Chlorobenzene-d5
Bromofluorobenzene (SUR)
/chem/VOAHS7.i/624/08-16-05/23aug05.b/v83248.d
Min

Client ID: **F081705**
Site: Phillipsburg

Lab Sample No: **661890**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83249.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	ND	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	ND	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **F081705**
Site: Phillipsburg

Lab Sample No: **661890**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83249.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83249.d
Report Date: 24-Aug-2005 07:36

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

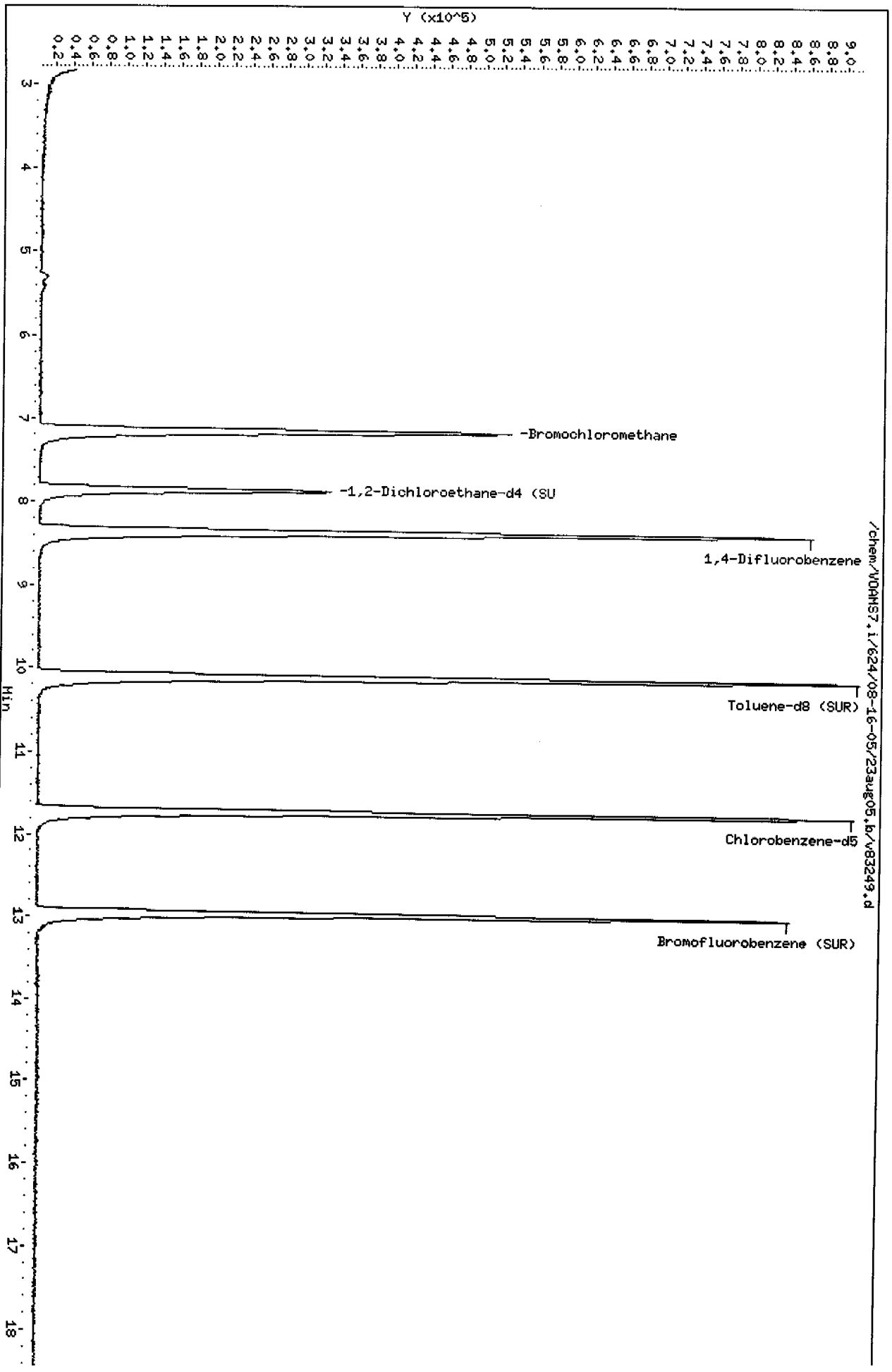
Data file : /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83249.d
Lab Smp Id: 661890 Client Smp ID: F081705
Inj Date : 24-AUG-2005 03:13
Operator : CD Inst ID: VOAMS7.i
Smp Info : 661890
Misc Info : E050;9297;;CJM
Comment :
Method : /chem/VOAMS7.i/624/08-16-05/23aug05.b/624_05.m
Meth Date : 24-Aug-2005 06:49 moroneyc Quant Type: ISTD
Cal Date : 16-AUG-2005 13:43 Cal File: v82916.d
Als bottle: 43
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PPVOAv.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 2 Bromochloromethane	128	7.144	7.139	(1.000)	369391	30.0000	
$ 16 1,2-Dichloroethane-d4 (SUR)	104	7.854	7.856	(0.941)	90678	31.0014	31
* 19 1,4-Difluorobenzene	114	8.343	8.346	(1.000)	1594389	30.0000	
$ 37 Toluene-d8 (SUR)	98	10.091	10.085	(0.862)	1307013	27.2784	27
* 32 Chlorobenzene-d5	117	11.712	11.715	(1.000)	1175872	30.0000	
$ 41 Bromofluorobenzene (SUR)	174	12.944	12.947	(1.105)	535841	27.1356	27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Date : 24-AUG-2005 03:13
Client ID: F081705
Sample Info: 661890
Purge Volume: 5.0
Column phase: DB624
Instrument: VOAMS7.i
Operator: CD
Column diameter: 0.53
Y (x10^5)
-Bromochloromethane
-1,2-Dichloroethane-d4 (SU
1,4-Difluorobenzene
Toluene-d8 (SUR)
Chlorobenzene-d5
Bromofluorobenzene (SUR)
/chem/VOAMS7.i/624/08-16-05/23aug05.b/v83249.d
Min

Client ID: **MW37A**
Site: Phillipsburg

Lab Sample No: **661891**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83250.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	0.6	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	6.4	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	1.0	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **MW37A**
Site: Phillipsburg

Lab Sample No: **661891**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83250.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	C6H12 Cycloalkane	6.74	4.6	
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	4.6

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83250.d
Report Date: 24-Aug-2005 07:36

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83250.d
Lab Smp Id: 661891 Client Smp ID: MW37A
Inj Date : 24-AUG-2005 03:39
Operator : CD Inst ID: VOAMS7.i
Smp Info : 661891
Misc Info : E050;9297;;CJM
Comment :
Method : /chem/VOAMS7.i/624/08-16-05/23aug05.b/624_05.m
Meth Date : 24-Aug-2005 06:49 moroneyc Quant Type: ISTD
Cal Date : 16-AUG-2005 13:43 Cal File: v82916.d
Als bottle: 44
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PPVOAv.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

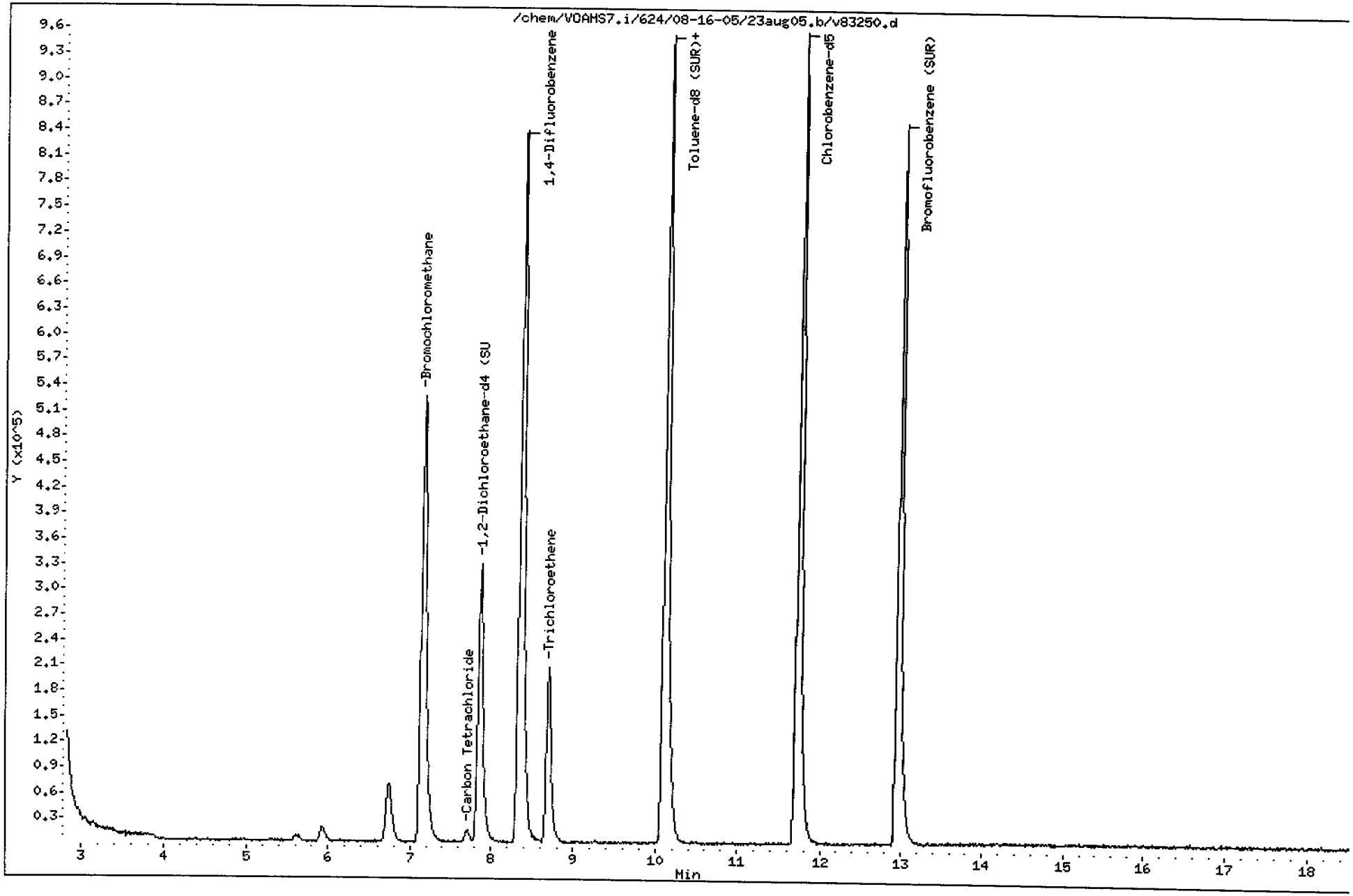
Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
*	2 Bromochloromethane	128	7.152	7.139	(1.000)	359438	30.0000	
	21 Carbon Tetrachloride	117	7.709	7.705	(1.078)	19878	0.56451	0.56
$	16 1,2-Dichloroethane-d4 (SUR)	104	7.853	7.856	(0.940)	87021	30.2153	30
*	19 1,4-Difluorobenzene	114	8.351	8.346	(1.000)	1569891	30.0000	
	25 Trichloroethene	95	8.697	8.692	(1.041)	158319	6.39485	6.4
$	37 Toluene-d8 (SUR)	98	10.099	10.085	(0.862)	1335649	27.7352	28
	38 Toluene	91	10.166	10.170	(0.868)	70050	1.04383	1.0
*	32 Chlorobenzene-d5	117	11.711	11.715	(1.000)	1181847	30.0000	
$	41 Bromofluorobenzene (SUR)	174	12.944	12.947	(1.105)	532162	26.8131	27

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83250.d
Date : 24-AUG-2005 03:39
Client ID: MW37A
Sample Info: 661891
Purge Volume: 5.0
Column phase: DB624

Instrument: VOAMS7.i

Operator: CD
Column diameter: 0.53



65

STL Edison

E050

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83250.d

Date : 24-AUG-2005 03:39

Client ID: MW37A

Instrument: VOAMS7.i

Sample Info: 661891

Purge Volume: 5.0

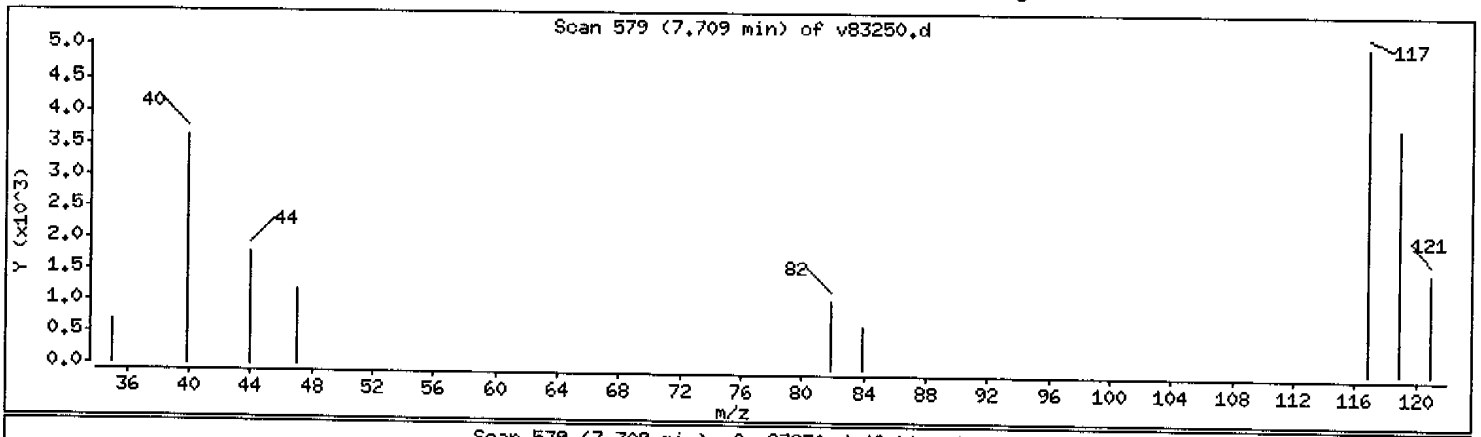
Operator: CD

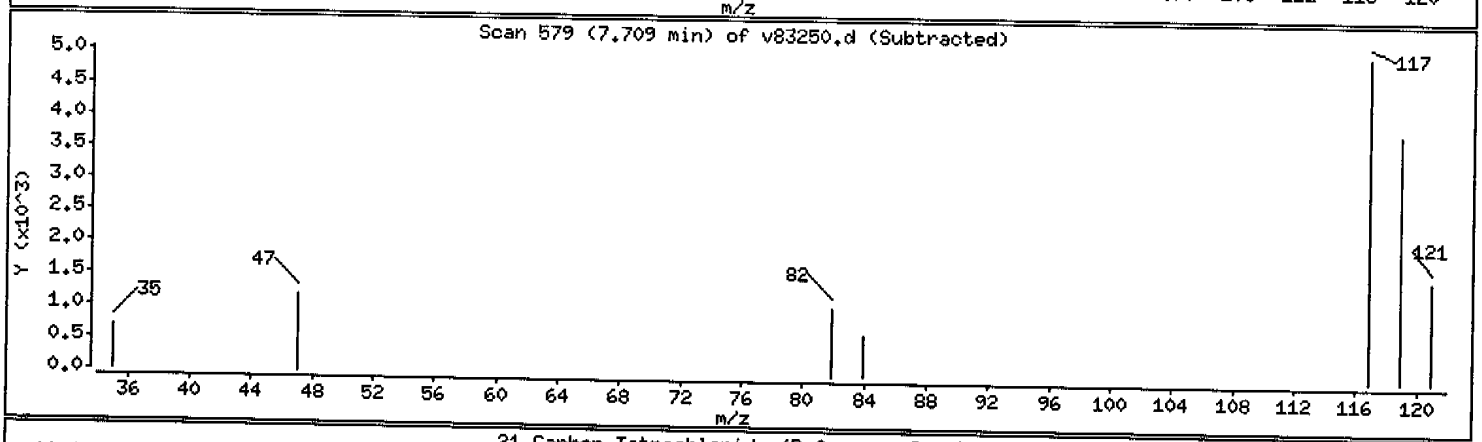
Column phase: DB624

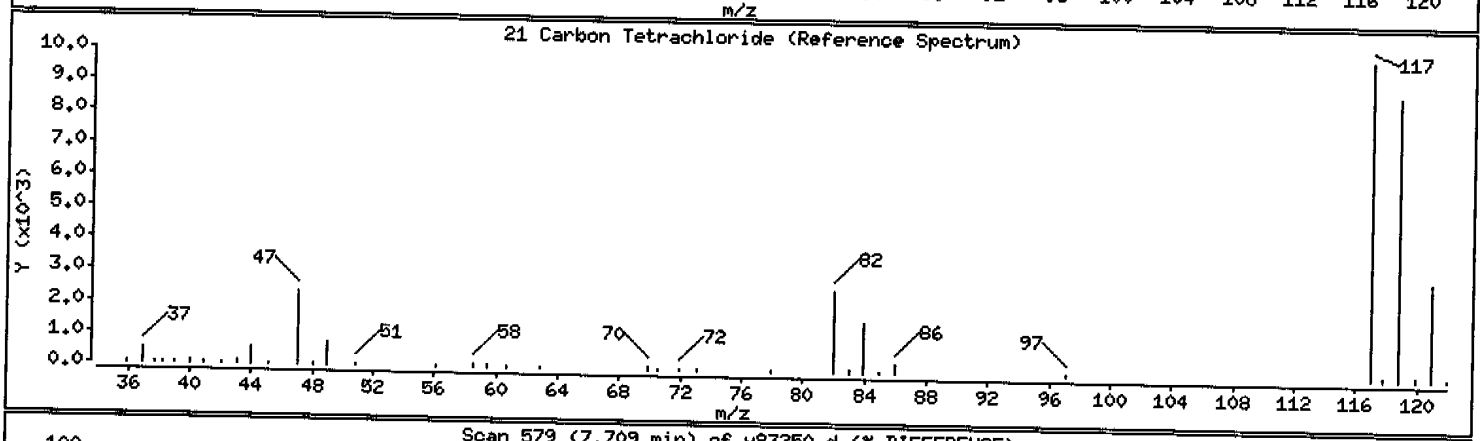
Column diameter: 0.53

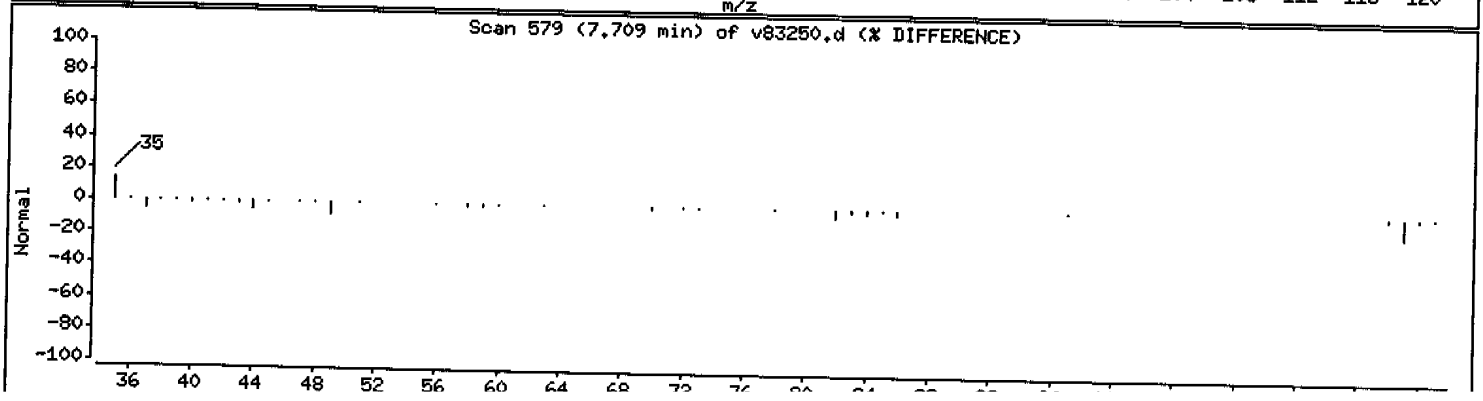
21 Carbon Tetrachloride

Concentration: 0.56 ug/L









Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83250.d

Date : 24-AUG-2005 03:39

Client ID: MW37A

Instrument: VOAMS7.i

Sample Info: 661891

Purge Volume: 5.0

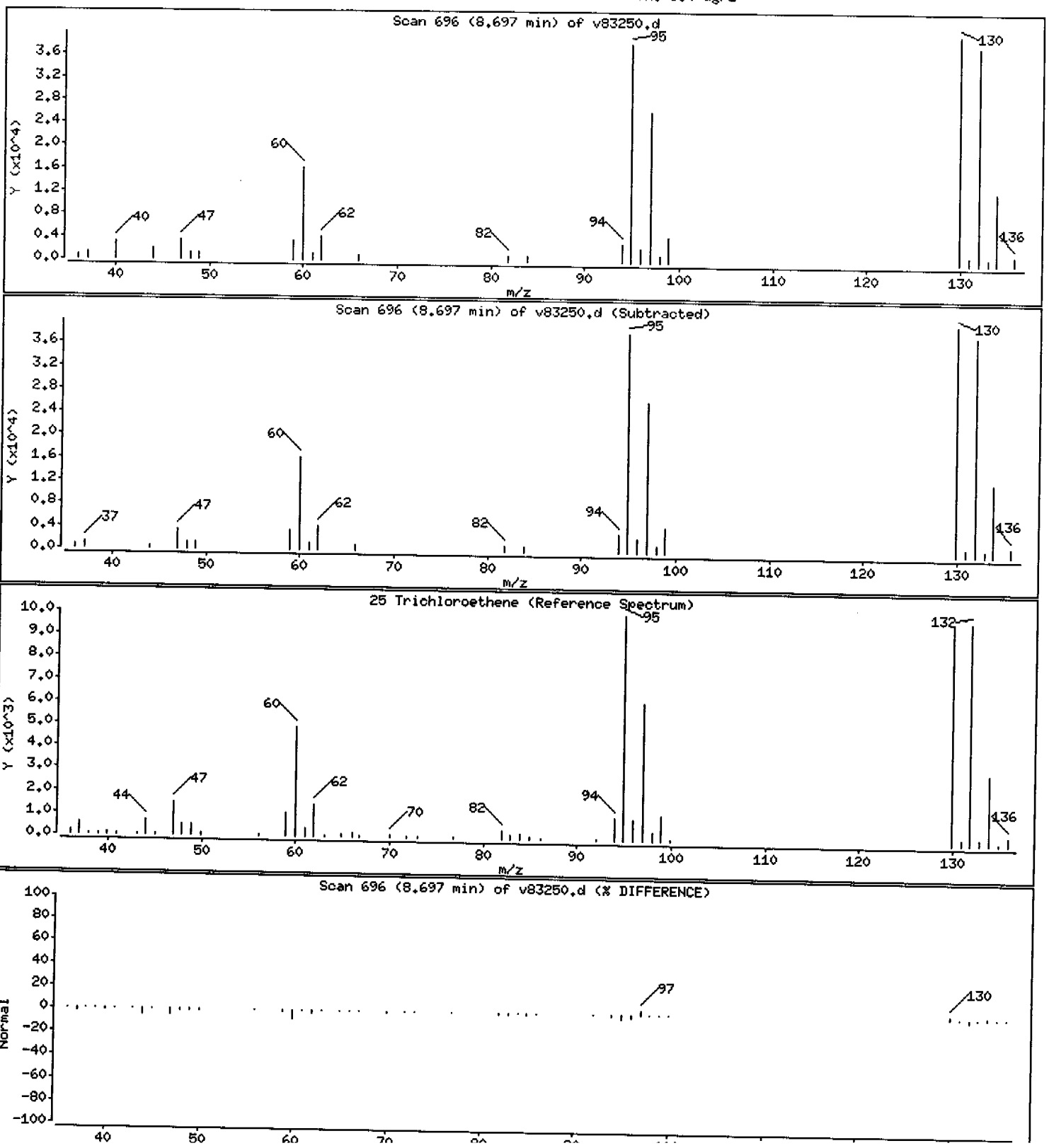
Operator: CD

Column phase: DB624

Column diameter: 0.53

25 Trichloroethene

Concentration: 6.4 ug/L



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83250.d

Date : 24-AUG-2005 03:39

Client ID: MW37A

Instrument: VOAMS7.i

Sample Info: 661891

Purge Volume: 5.0

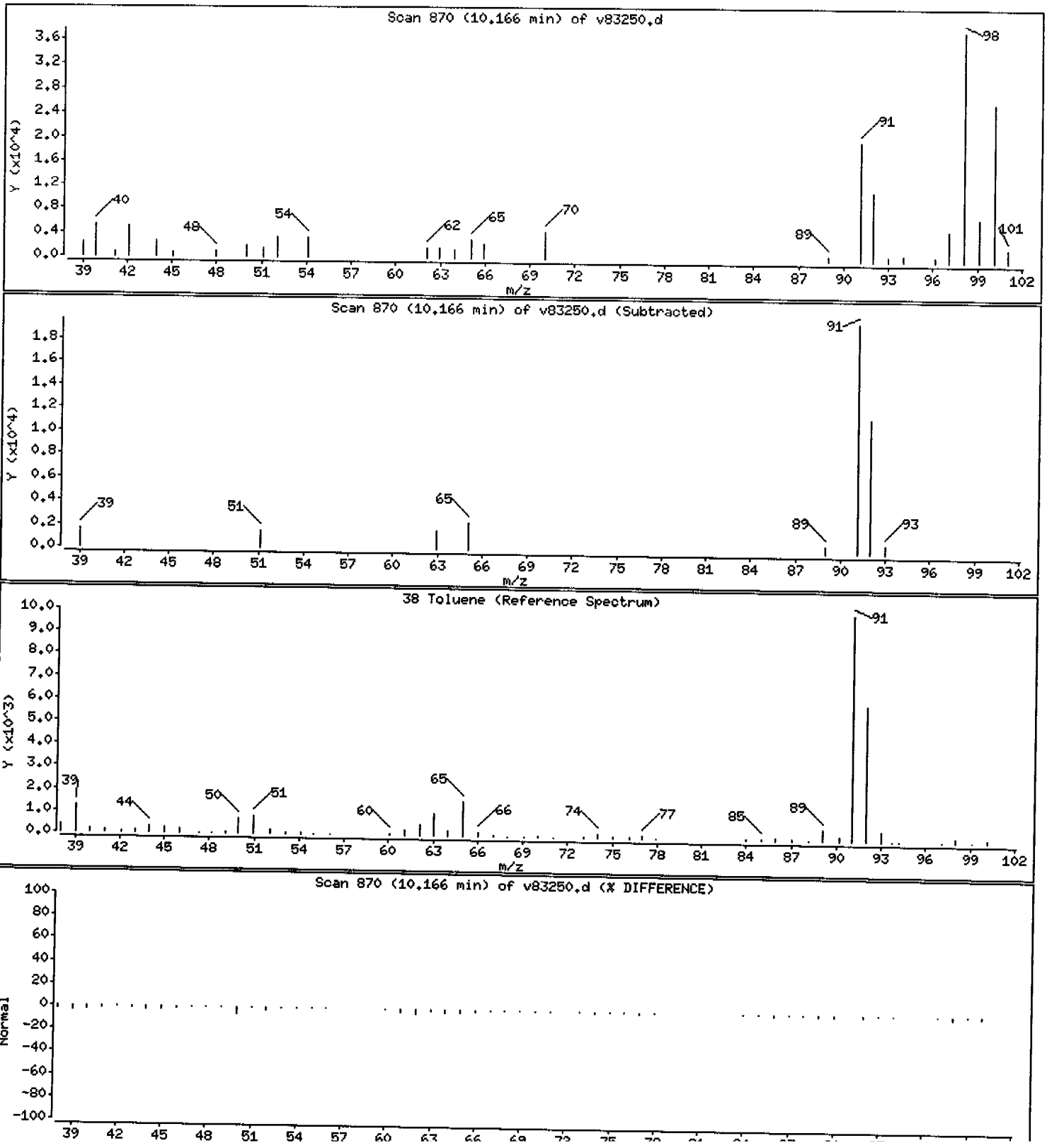
Operator: CD

Column phase: DB624

Column diameter: 0.53

38 Toluene

Concentration: 1.0 ug/L



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83250.d

Date : 24-AUG-2005 03:39

Client ID: MW37A

Instrument: VOAMS7.i

Sample Info: 661891

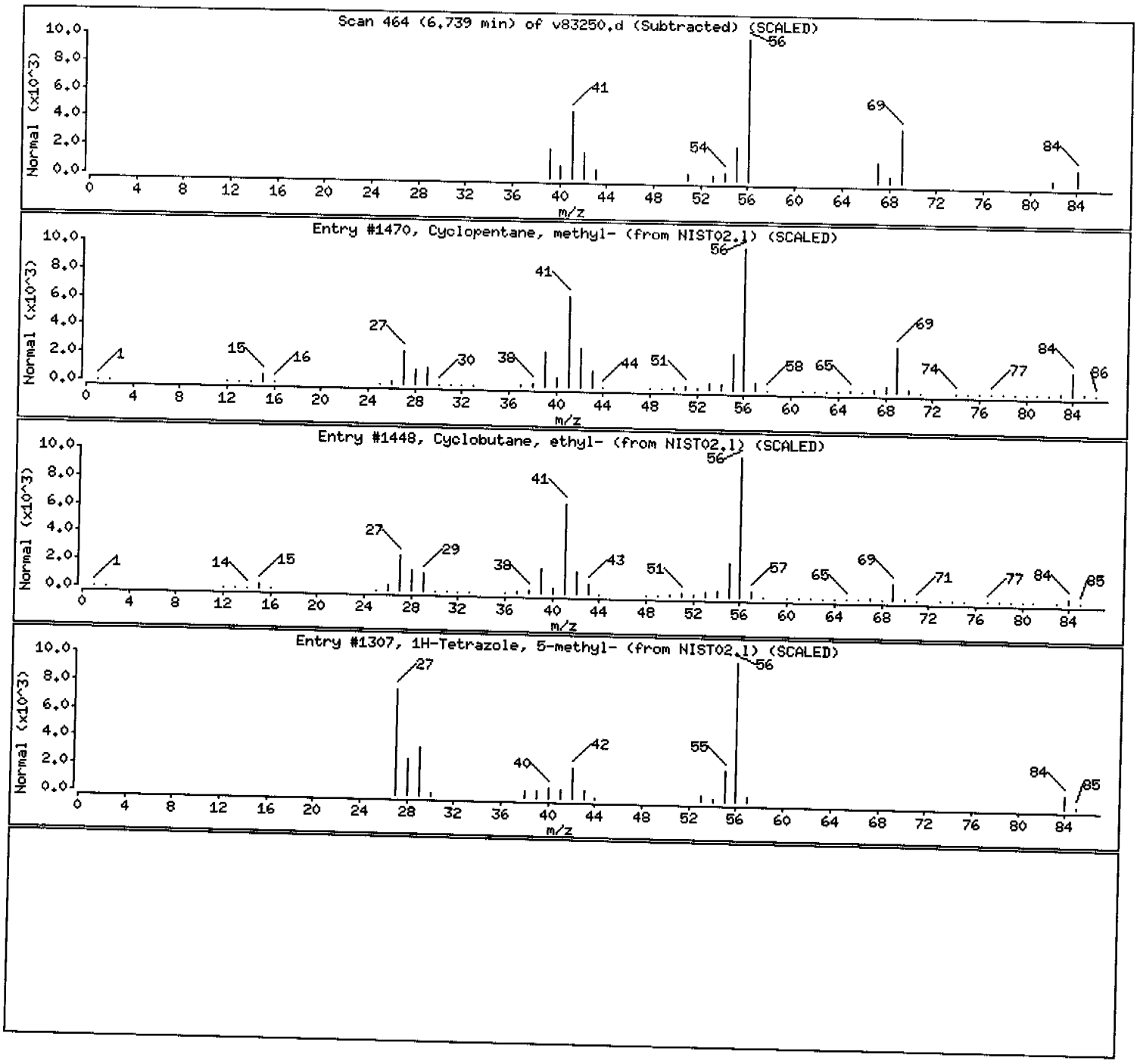
Purge Volume: 5.0

Operator: CD

Column phase: DB624

Column diameter: 0.53

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C6H12 Cycloalkane						
Cyclopentane, methyl-	96-37-7	NIST02.l	1470	86	C6H12	84
Cyclobutane, ethyl-	4806-61-5	NIST02.l	1448	78	C6H12	84
1H-Tetrazole, 5-methyl-	4076-36-2	NIST02.l	1307	64	C2H4N4	84



Client ID: **MW37C**
Site: Phillipsburg

Lab Sample No: **661892**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83251.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	1.9	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	16	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	1.0	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5
Xylene (Total)	ND	0.4

Client ID: **MW37C**
Site: Phillipsburg

Lab Sample No: **661892**
Lab Job No: E050

Date Sampled: 08/17/05
Date Received: 08/17/05
Date Analyzed: 08/24/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83251.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83251.d
Report Date: 24-Aug-2005 07:36

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83251.d
Lab Smp Id: 661892 Client Smp ID: MW37C
Inj Date : 24-AUG-2005 04:05
Operator : CD Inst ID: VOAMS7.i
Smp Info : 661892
Misc Info : E050;9297;;CJM
Comment :
Method : /chem/VOAMS7.i/624/08-16-05/23aug05.b/624_05.m
Meth Date : 24-Aug-2005 06:49 moroneyc Quant Type: ISTD
Cal Date : 16-AUG-2005 13:43 Cal File: v82916.d
Als bottle: 45
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: PPVOAv.sub
Target Version: 3.50

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

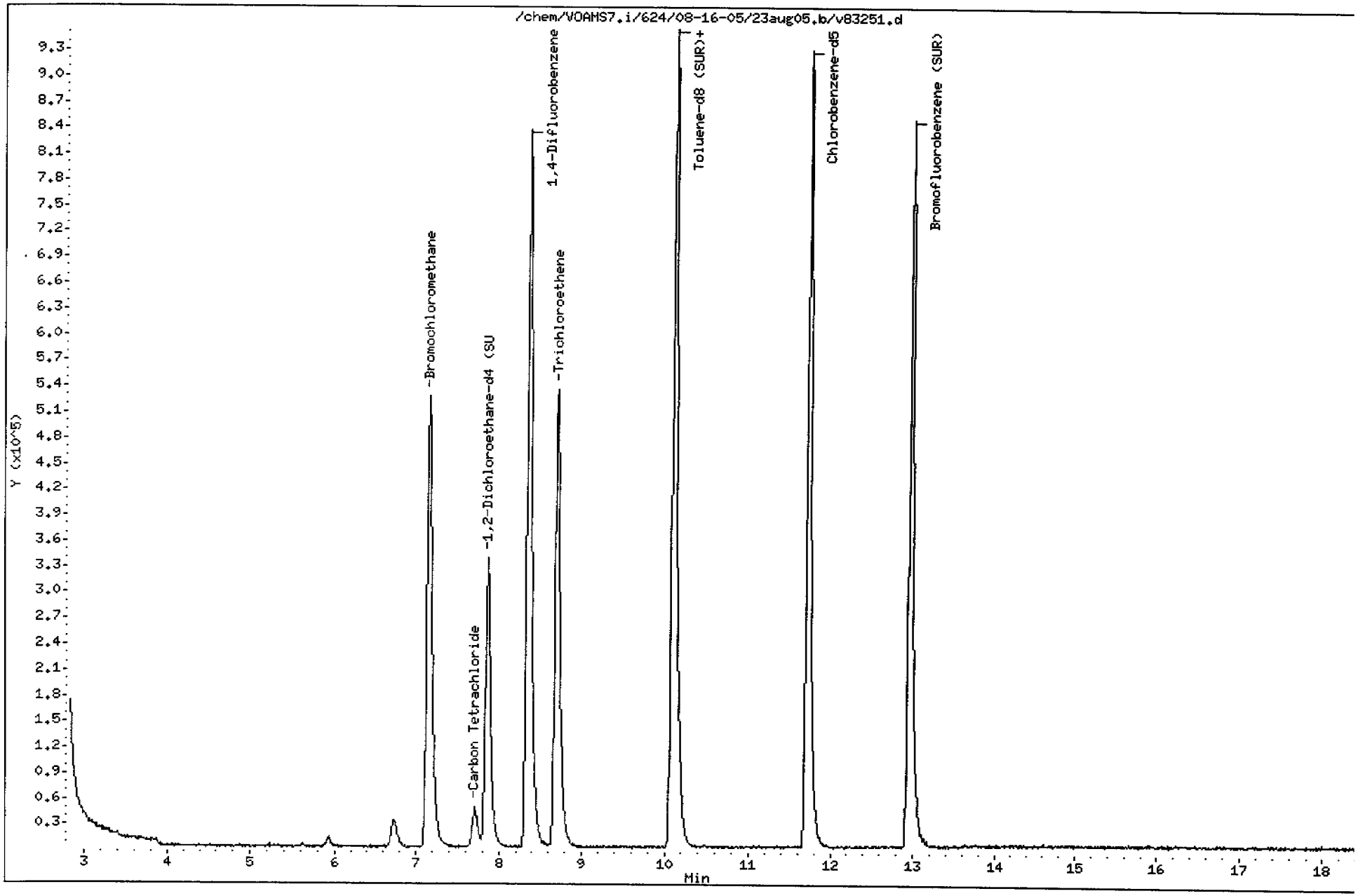
Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 2 Bromochloromethane	128	7.150	7.139	(1.000)	356069	30.0000	
21 Carbon Tetrachloride	117	7.707	7.705	(1.078)	66413	1.90391	1.9
$ 16 1,2-Dichloroethane-d4 (SUR)	104	7.859	7.856	(0.941)	86478	29.8608	30
* 19 1,4-Difluorobenzene	114	8.349	8.346	(1.000)	1578618	30.0000	
25 Trichloroethene	95	8.695	8.692	(1.041)	392405	15.7624	16
$ 37 Toluene-d8 (SUR)	98	10.096	10.085	(0.862)	1337817	28.1627	28
38 Toluene	91	10.172	10.170	(0.869)	68209	1.03039	1.0
* 32 Chlorobenzene-d5	117	11.709	11.715	(1.000)	1165797	30.0000	
$ 41 Bromofluorobenzene (SUR)	174	12.942	12.947	(1.105)	527250	26.9313	27

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83251.d
Date : 24-AUG-2005 04:05
Client ID: MW37C
Sample Info: 661892
Purge Volume: 5.0
Column phase: DB624

Instrument: VOAMS7.i
Operator: CD
Column diameter: 0.53



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83251.d

Date : 24-AUG-2005 04:05

Client ID: MW37C

Instrument: VOAMS7.i

Sample Info: 661892

Purge Volume: 5.0

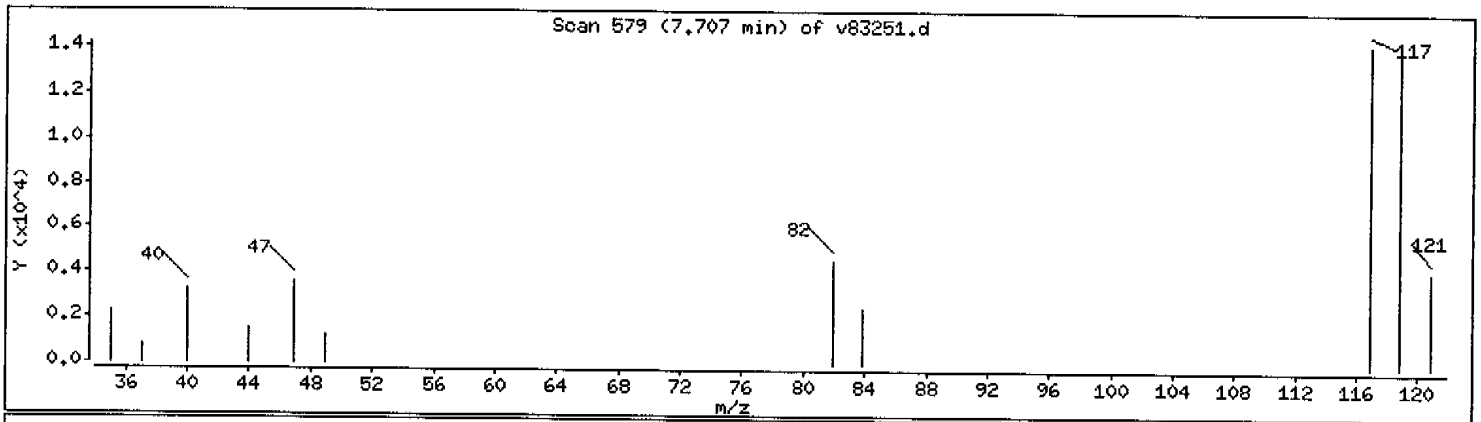
Operator: CD

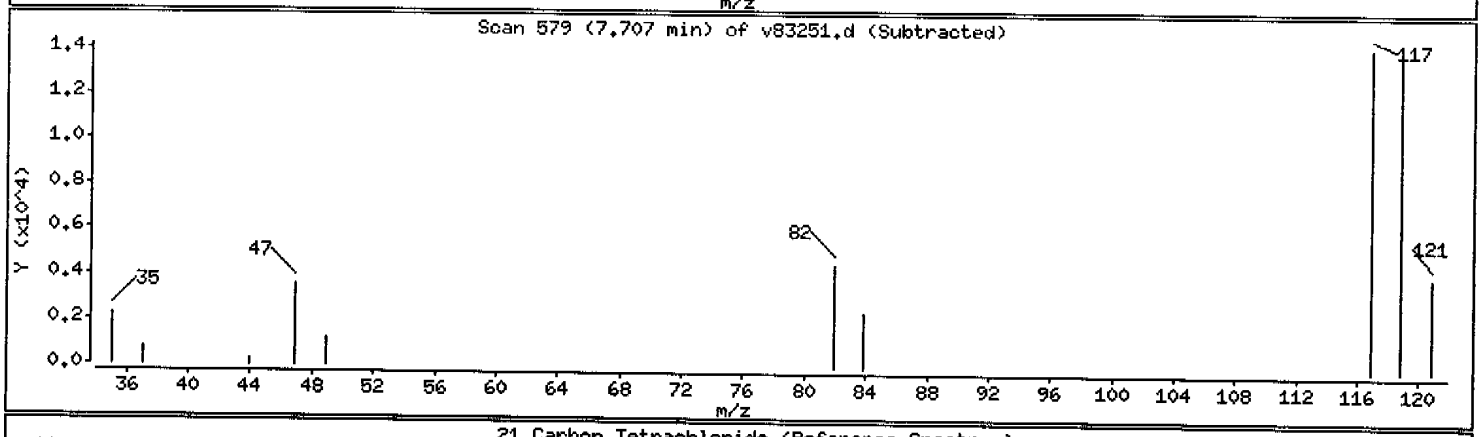
Column phase: DB624

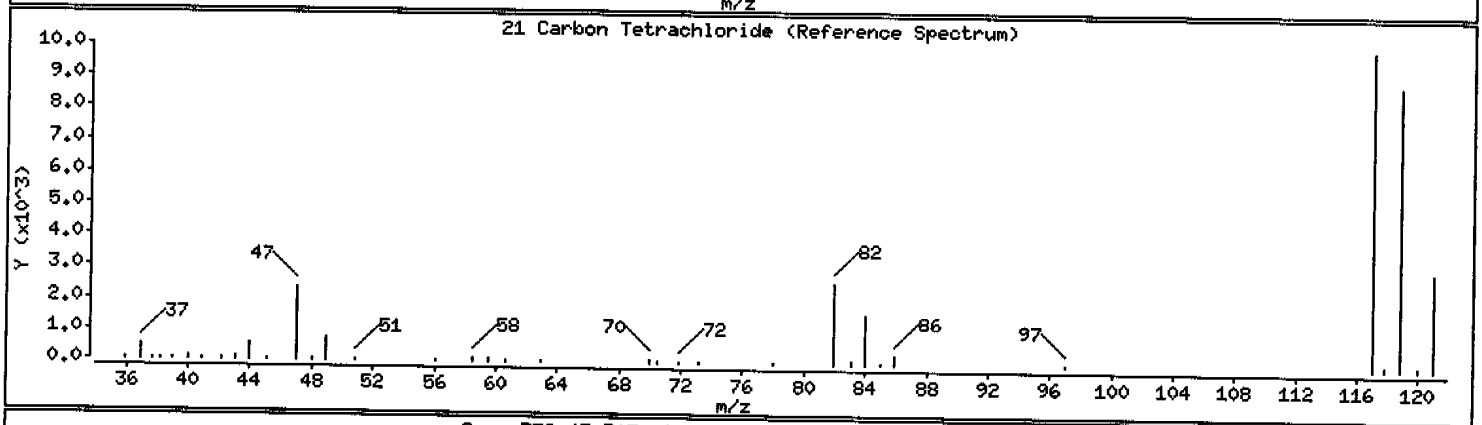
Column diameter: 0.53

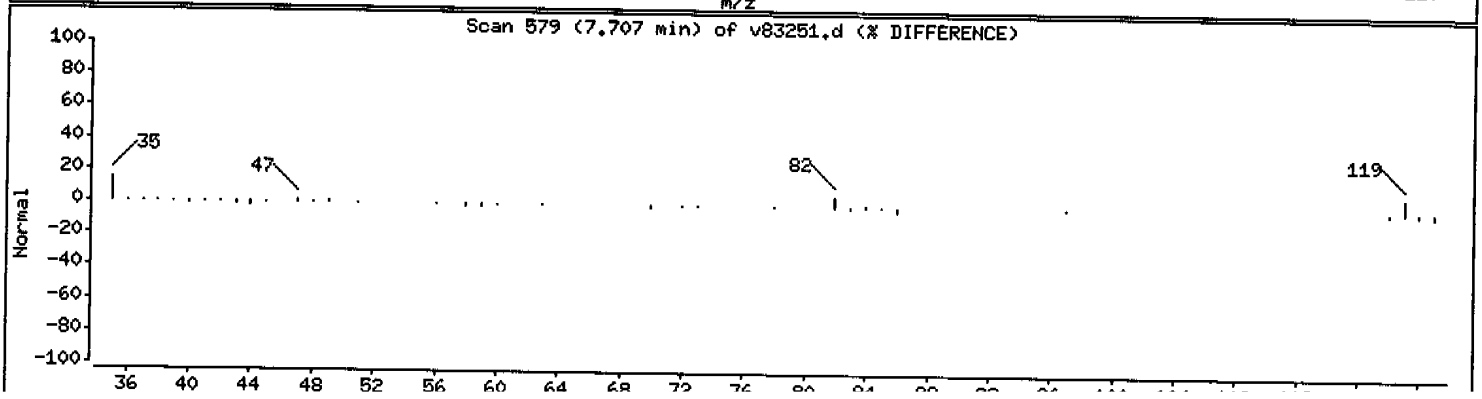
21 Carbon Tetrachloride

Concentration: 1.9 ug/L









Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83251.d

Date : 24-AUG-2005 04:05

Client ID: MW37C

Instrument: VOAMS7.i

Sample Info: 661892

Purge Volume: 5.0

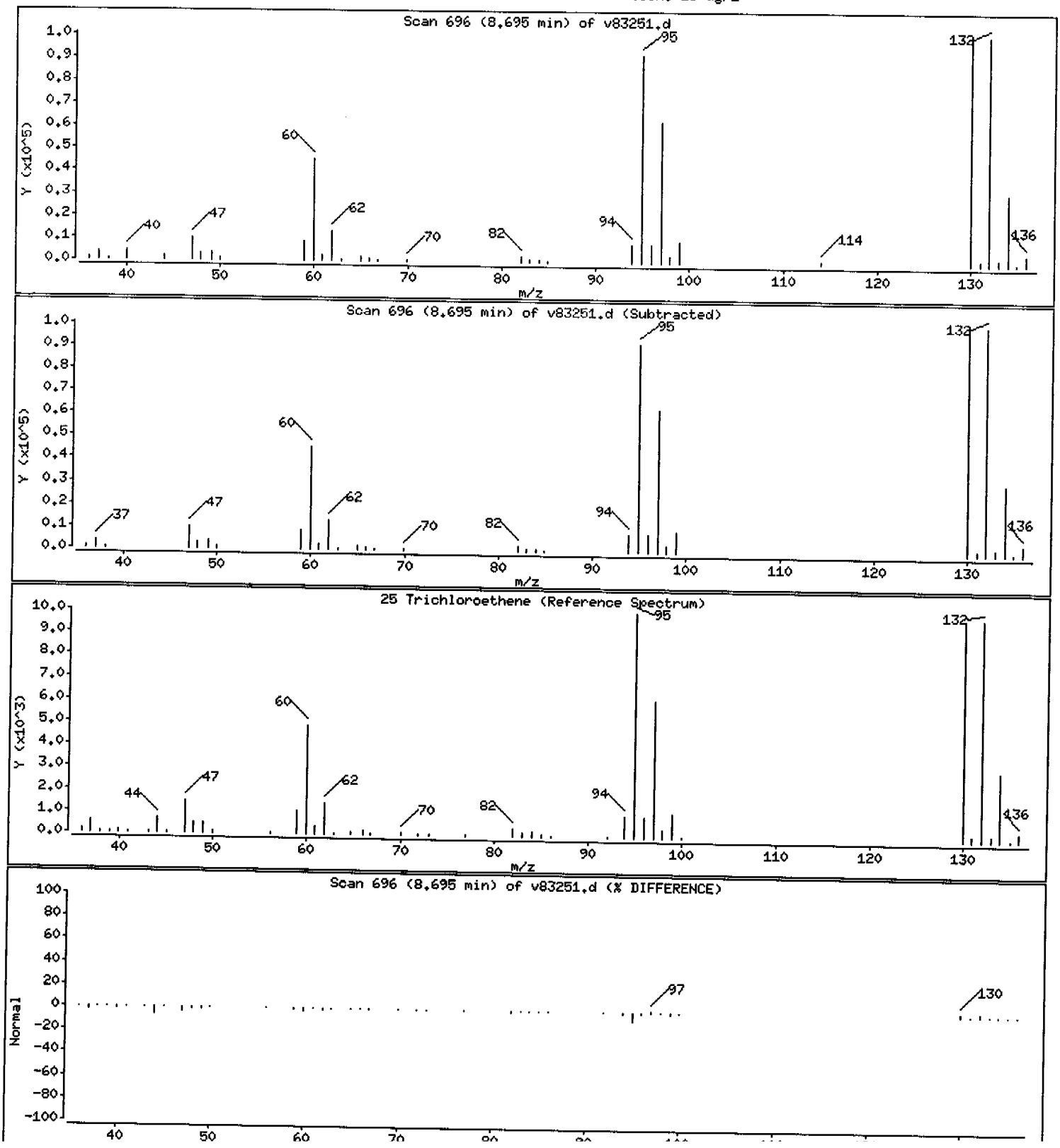
Operator: CD

Column phase: DB624

Column diameter: 0.53

25 Trichloroethene

Concentration: 16 ug/L



Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83251.d

Date : 24-AUG-2005 04:05

Client ID: MW37C

Instrument: VOAMS7.i

Sample Info: 661892

Purge Volume: 5.0

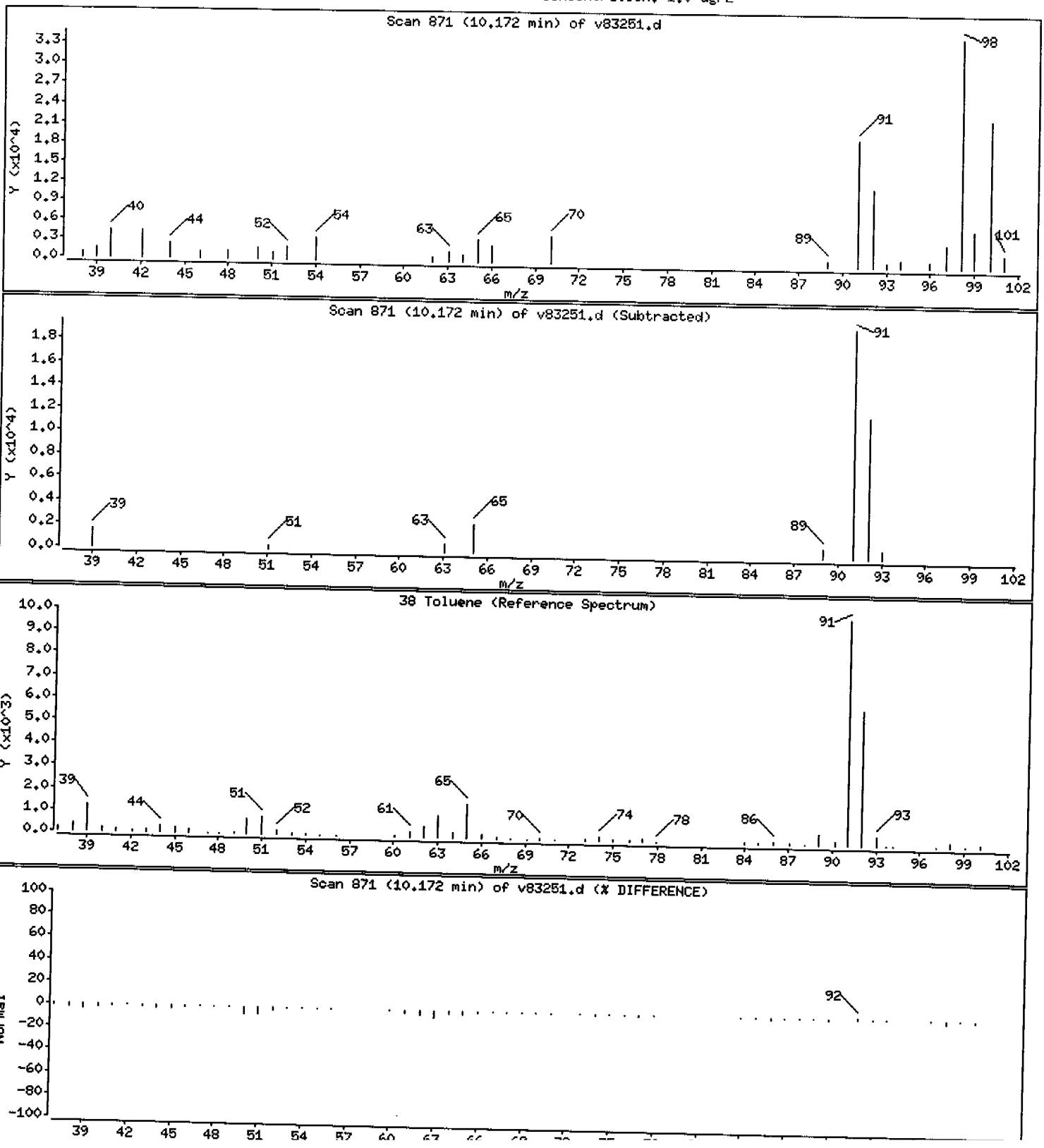
Operator: CD

Column phase: DB624

Column diameter: 0.53

38 Toluene

Concentration: 1.0 ug/L



Tuning Results Summary

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: V82911

BFB Injection Date: 08/16/05

Instrument ID: VOAMS7

BFB Injection Time: 1137

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.9
75	30.0 - 60.0% of mass 95	47.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	76.0
175	5.0 - 9.0% of mass 174	5.4 (7.1)1
176	95.0 - 101.0% of mass 174	74.8 (98.4)1
177	5.0 - 9.0% of mass 176	4.6 (6.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD020	VSTD020	V82912	08/16/05	1159
02	VSTD010	VSTD010	V82913	08/16/05	1225
03	VSTD005	VSTD005	V82914	08/16/05	1251
04	VSTD050	VSTD050	V82915	08/16/05	1317
05	VSTD200	VSTD200	V82916	08/16/05	1343
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: /chem/VOAMS7.i/624/08-16-05/16aug05.b/v82911.d

Date : 16-AUG-2005 11:37

Client ID: VBFB228

Instrument: VOAMS7.i

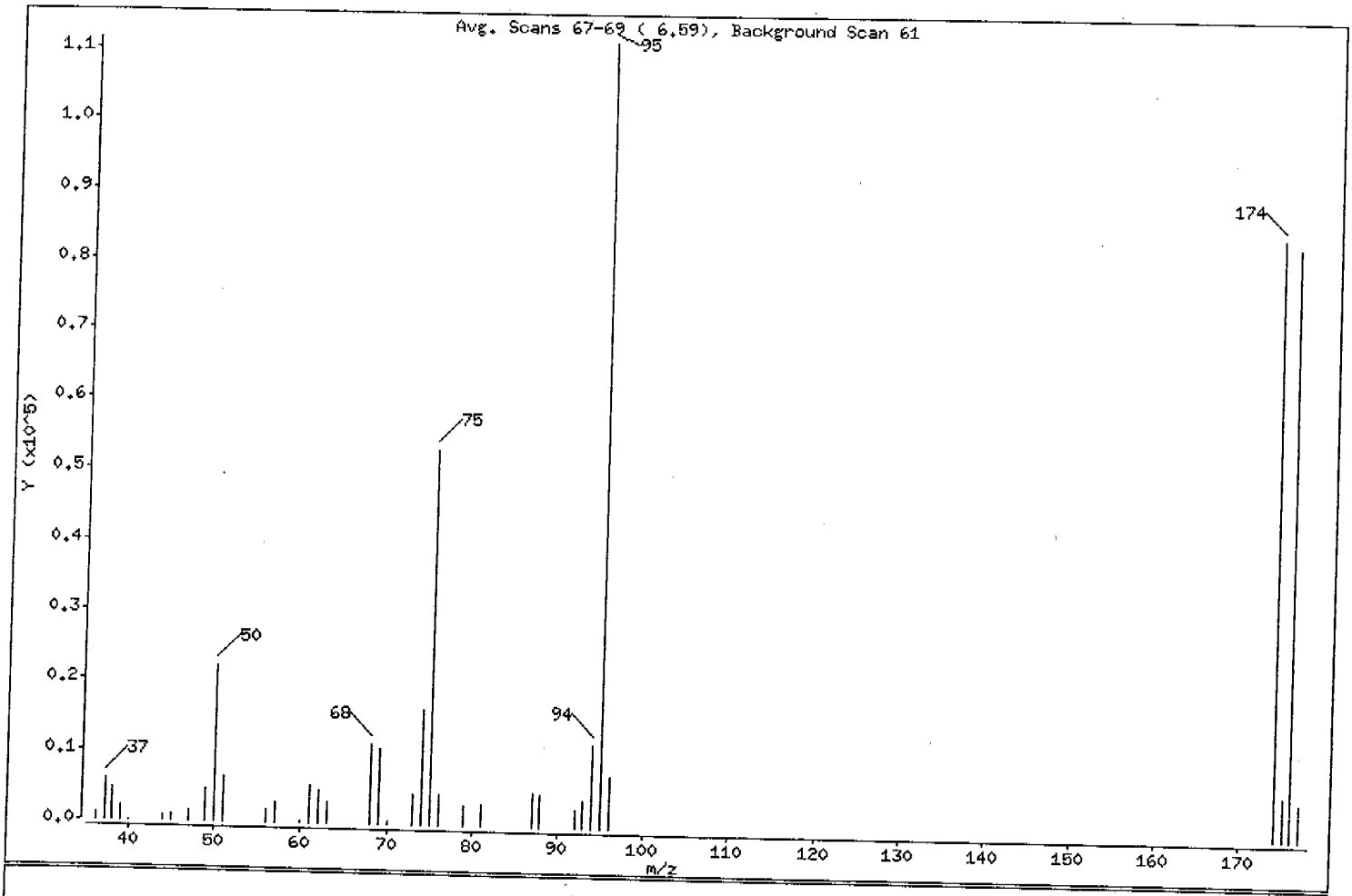
Sample Info: VBFB228 50NG

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	19.90
75	30.00 - 60.00% of mass 95	47.81
96	5.00 - 9.00% of mass 95	6.68
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	76.00
175	5.00 - 9.00% of mass 174	5.43 (7.14)
176	95.00 - 101.00% of mass 174	74.78 (98.40)
177	5.00 - 9.00% of mass 176	4.59 (6.14)

Data File: /chem/VOAMS7.i/624/08-16-05/16aug05.b/v82911.d

Date : 16-AUG-2005 11:37

Client ID: VBFB228

Instrument: VOAMS7.i

Sample Info: VBFB228 50NG

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

Data File: v82911.d

Spectrum: Avg. Scans 67-69 (6.59), Background Scan 61

Location of Maximum: 95.00

Number of points: 37

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1153	51.00	6317	73.00	4470	94.00	11888
37.00	5851	56.00	1798	74.00	16271	95.00	111384
38.00	4728	57.00	2928	75.00	53248	96.00	7445
39.00	2173	60.00	360	76.00	4390	174.00	84648
40.00	66	61.00	5495	79.00	2704	175.00	6043
44.00	810	62.00	4710	81.00	3047	176.00	83296
45.00	1053	63.00	3021	87.00	4762	177.00	5111
47.00	1598	68.00	11338	88.00	4708		
49.00	4705	69.00	10806	92.00	2450		
50.00	22160	70.00	413	93.00	3968		

Data File: /chem/VOAMS7.i/624/08-16-05/16aug05.b/v82911.d

Date : 16-AUG-2005 11:37

Client ID: VBFB228

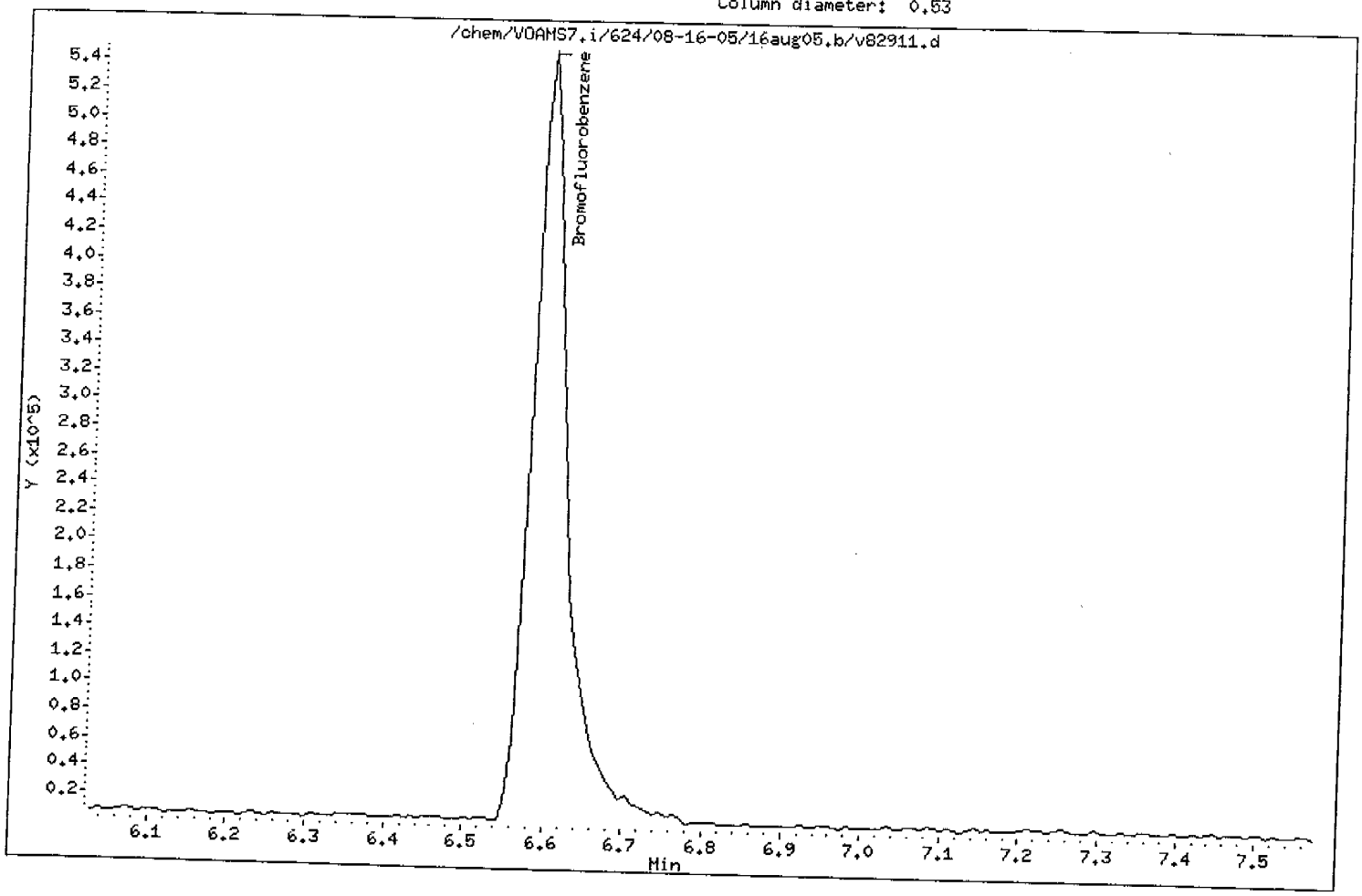
Instrument: VOAMS7.i

Sample Info: VBFB228 50NG

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab File ID: V83202

BFB Injection Date: 08/23/05

Instrument ID: VOAMS7

BFB Injection Time: 0632

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.9
75	30.0 - 60.0% of mass 95	46.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	79.3
175	5.0 - 9.0% of mass 174	4.8 (6.1)1
176	95.0 - 101.0% of mass 174	77.4 (97.6)1
177	5.0 - 9.0% of mass 176	5.1 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD235	VSTD235	V83203	08/23/05	0653
02	VV235B	VV235B	V83231	08/23/05	1926
03	F081605	661886	V83245	08/24/05	0130
04	MW6A	661887	V83246	08/24/05	0155
05	MW6B	661888	V83247	08/24/05	0221
06	T081605	661889	V83248	08/24/05	0247
07	F081705	661890	V83249	08/24/05	0313
08	MW37A	661891	V83250	08/24/05	0339
09	MW37C	661892	V83251	08/24/05	0405
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83202.d

Date : 23-AUG-2005 06:32

Client ID: VBFB235

Instrument: VOAMS7.i

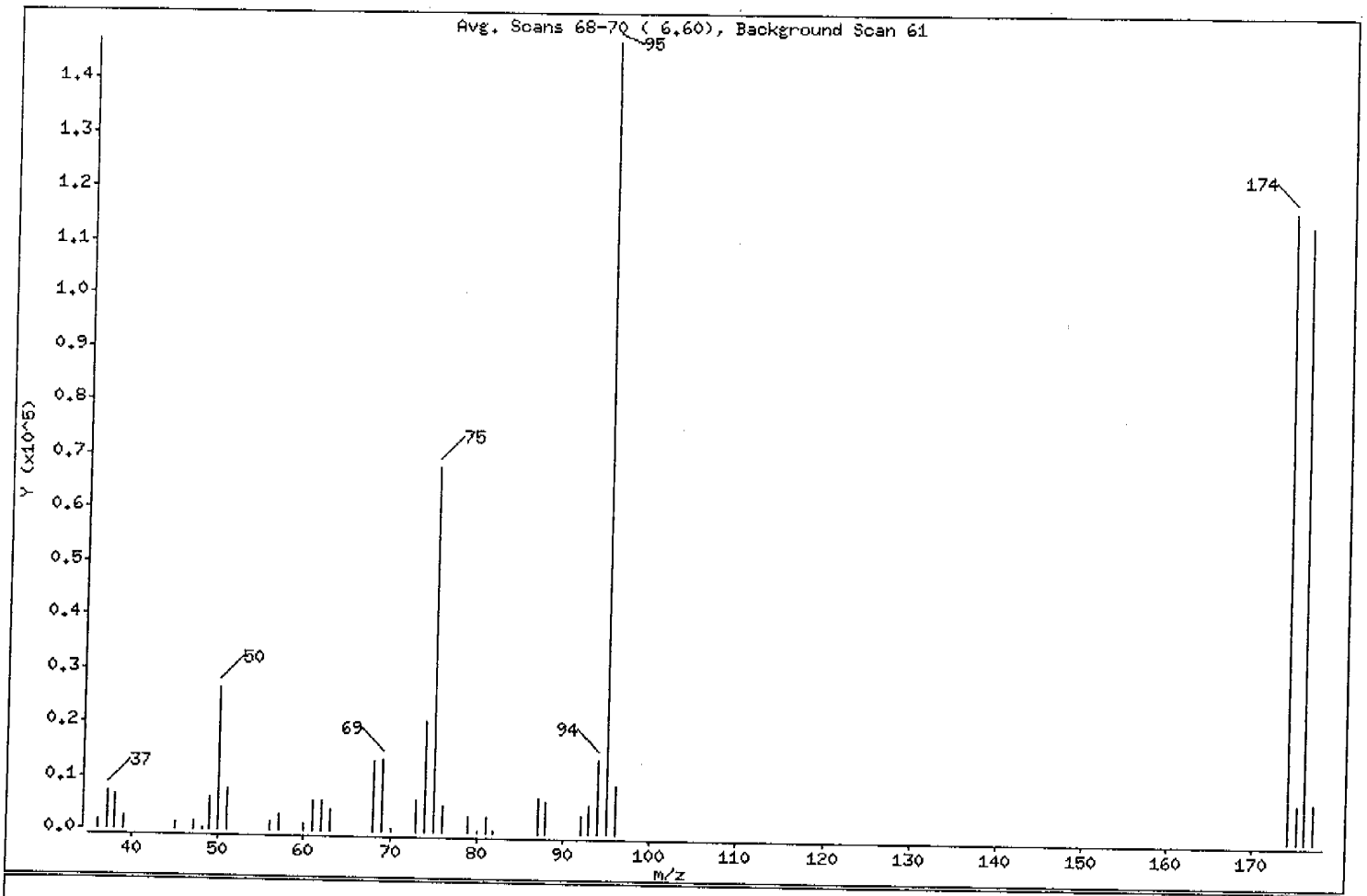
Sample Info: VBFB235 50NG

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.87
75	30.00 - 60.00% of mass 95	46.06
96	5.00 - 9.00% of mass 95	6.20
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	79.25
175	5.00 - 9.00% of mass 174	4.85 (6.12)
176	95.00 - 101.00% of mass 174	77.39 (97.65)
177	5.00 - 9.00% of mass 176	5.10 (6.59)

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83202.d

Date : 23-AUG-2005 06:32

Client ID: VBFB235

Instrument: VOAMS7.i

Sample Info: VBFB235 50NG

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

Data File: v83202.d

Spectrum: Avg. Scans 68-70 (6.60), Background Scan 61

Location of Maximum: 95.00

Number of points: 38

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1746	56.00	1787	74.00	20744	93.00	5267
37.00	7242	57.00	3070	75.00	67800	94.00	14016
38.00	6313	60.00	1201	76.00	5150	95.00	147200
39.00	2444	61.00	5733	79.00	2979	96.00	9131
45.00	1508	62.00	5869	80.00	379	174.00	116672
47.00	1606	63.00	4086	81.00	3123	175.00	7135
48.00	377	68.00	13338	82.00	414	176.00	113928
49.00	6261	69.00	13524	87.00	6950	177.00	7510
50.00	26304	70.00	830	88.00	5945		
51.00	7929	73.00	5976	92.00	3276		

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83202.d

Date : 23-AUG-2005 06:32

Client ID: VBFB235

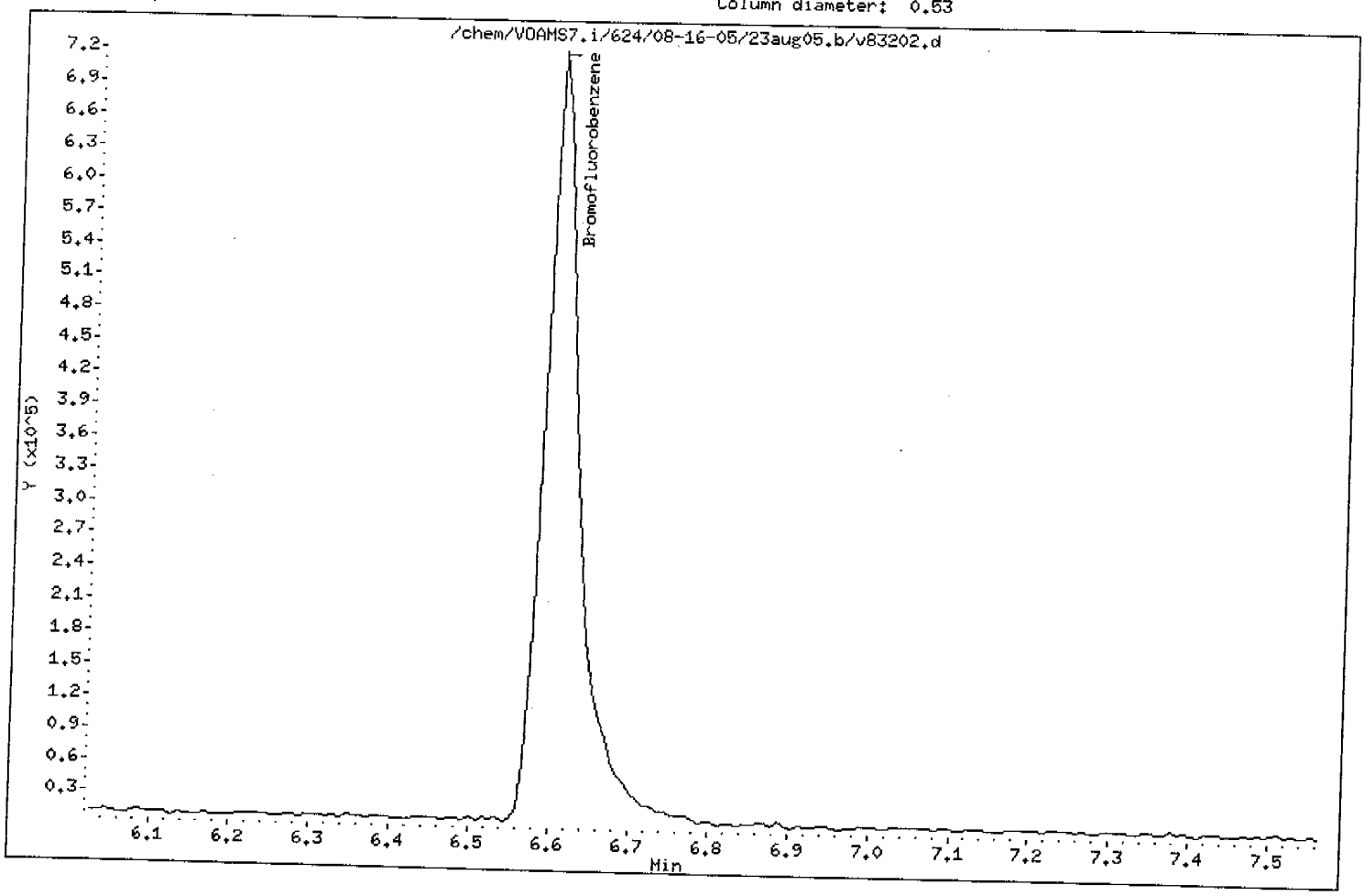
Instrument: VOAMS7.i

Sample Info: VBFB235 50NG

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



Method Blank Results Summary

VOLATILE METHOD BLANK SUMMARY

LAB SAMPLE NO.

VV235B

Matrix: WATER

Level: LOW

Lab File ID: V83231

Instrument ID: VOAMS7

Date Analyzed: 08/23/05

Time Analyzed: 1926

Heated Purge (Y/N) N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	TIME ANALYZED
01	F081605	661886	V83245	0130
02	MW6A	661887	V83246	0155
03	MW6B	661888	V83247	0221
04	T081605	661889	V83248	0247
05	F081705	661890	V83249	0313
06	MW37A	661891	V83250	0339
07	MW37C	661892	V83251	0405
08				
09				
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11				
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COMMENTS:

Client ID: **VV235B**
Site:

Lab Sample No: **VV235B**
Lab Job No: E050

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/23/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83231.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.3
Bromomethane	ND	0.3
Vinyl Chloride	ND	0.3
Chloroethane	ND	0.2
Methylene Chloride	ND	0.5
Acetone	ND	1.3
Carbon Disulfide	ND	0.3
Trichlorofluoromethane	ND	0.2
1,1-Dichloroethene	ND	0.4
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.5
1,2-Dichloroethane	ND	0.3
2-Butanone	ND	0.9
1,1,1-Trichloroethane	ND	0.3
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.3
1,2-Dichloropropane	ND	0.3
cis-1,3-Dichloropropene	ND	0.2
Trichloroethene	ND	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.3
Benzene	ND	0.3
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.4
Bromoform	ND	0.2
4-Methyl-2-Pentanone	ND	0.5
2-Hexanone	ND	0.5
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.3
Toluene	ND	0.4
Chlorobenzene	ND	0.4
Ethylbenzene	ND	0.5

Client ID: **VV235B**
Site:

Lab Sample No: **VV235B**
Lab Job No: E050

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/23/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83231.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Styrene	ND	0.4
Xylene (Total)	ND	0.4
Ethyl Ether	ND	0.2
Acrolein	ND	4.6
Freon TF	ND	0.4
Isopropanol	ND	500
Acetonitrile	ND	100
TBA	ND	4.4
Acrylonitrile	ND	1.8
MTBE	ND	0.2
Hexane	ND	0.4
DIPE	ND	0.3
Ethyl Acetate	ND	0.7
Vinyl Acetate	ND	0.3
Tetrahydrofuran	ND	5.0
Cyclohexane	ND	0.3
Isobutanol	ND	500
Isopropyl Acetate	ND	0.4
n-Heptane	ND	1.0
n-Butanol	ND	48
Propyl Acetate	ND	0.5
Butyl Acetate	ND	0.4
1,2-Dibromoethane	ND	0.4
1,3-Dichlorobenzene	ND	0.4
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.4
Naphthalene	ND	0.4
Methylnaphthalene (total)	ND	1.0
Dimethylnaphthalene (total)	ND	1.0
Dichlorodifluoromethane	ND	0.5
1,4-Dioxane	ND	56
n-Pentane	ND	0.4
5-Methyl-2-Hexanone	ND	5.0
Isopropylbenzene	ND	0.5

Client ID: **VV235B**
Site:

Lab Sample No: **VV235B**
Lab Job No: E050

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/23/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83231.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
1,2,4-Trimethylbenzene	ND	0.4
Cyclohexanone	ND	100
1,2,4-Trichlorobenzene	ND	0.4
Methyl Methacrylate	ND	0.7
Allyl Alcohol	ND	1000
Epichlorohydrin	ND	4.8
Allyl Chloride	ND	5.0
Benzyl Chloride	ND	0.4
Isoprene	ND	0.4
1,1,1,2-Tetrachloroethane	ND	0.4
Camphene (total)	ND	20
Camphor	ND	20
1,3,5-Trimethylbenzene	ND	0.4
1,2,3-Trichlorobenzene	ND	0.3
n-Butylbenzene	ND	0.3
sec-Butylbenzene	ND	0.4
tert-Butylbenzene	ND	0.4
p-Isopropyltoluene	ND	0.4
n-Propylbenzene	ND	0.4
m+p-Ethyltoluene	ND	1.0
o-Ethyltoluene	ND	1.0
Methyl Acetate	ND	0.3
Methyl cyclohexane	ND	0.3
1,2-Dibromo-3-chloropropane	ND	0.3
Cyclohexene	ND	1.0
1,2-Dichlorotrifluoroethane	ND	1.0
n-Propanol	ND	500
3-Methyl-1-Pentyn-3-ol	ND	250
Propylene Oxide	ND	50
Ethanol	ND	500
Chlorotrifluoroethane	ND	1.0
Dichlorofluoromethane	ND	1.0
Ethylene Oxide	ND	500
Methyl Formate	ND	500

Client ID: **VV235B**
Site:

Lab Sample No: **VV235B**
Lab Job No: E050

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/23/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83231.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Isobutyraldehyde	ND	5.0
Amyl Acetate	ND	0.3
1,2,3-Trichloropropane	ND	0.5
Chlorodifluoromethane	ND	1.0
1,3-Dichloropropane	ND	0.4
Dibromomethane	ND	0.3
1-Propene	ND	0.4
2-Chloropropane	ND	0.3
1-Chloropropane	ND	0.3

Client ID: **VV235B**
Site:

Lab Sample No: **VV235B**
Lab Job No: E050

Date Sampled: _____
Date Received: _____
Date Analyzed: 08/23/05
GC Column: DB624
Instrument ID: VOAMS7.i
Lab File ID: v83231.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

	COMPOUND NAME	RT	EST. CONC. ug/l	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
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29.				
30.				

TOTAL ESTIMATED CONCENTRATION 0.0

Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83231.d
Report Date: 24-Aug-2005 07:03

STL Edison

VOLATILE ORGANIC COMPOUND ANALYSIS

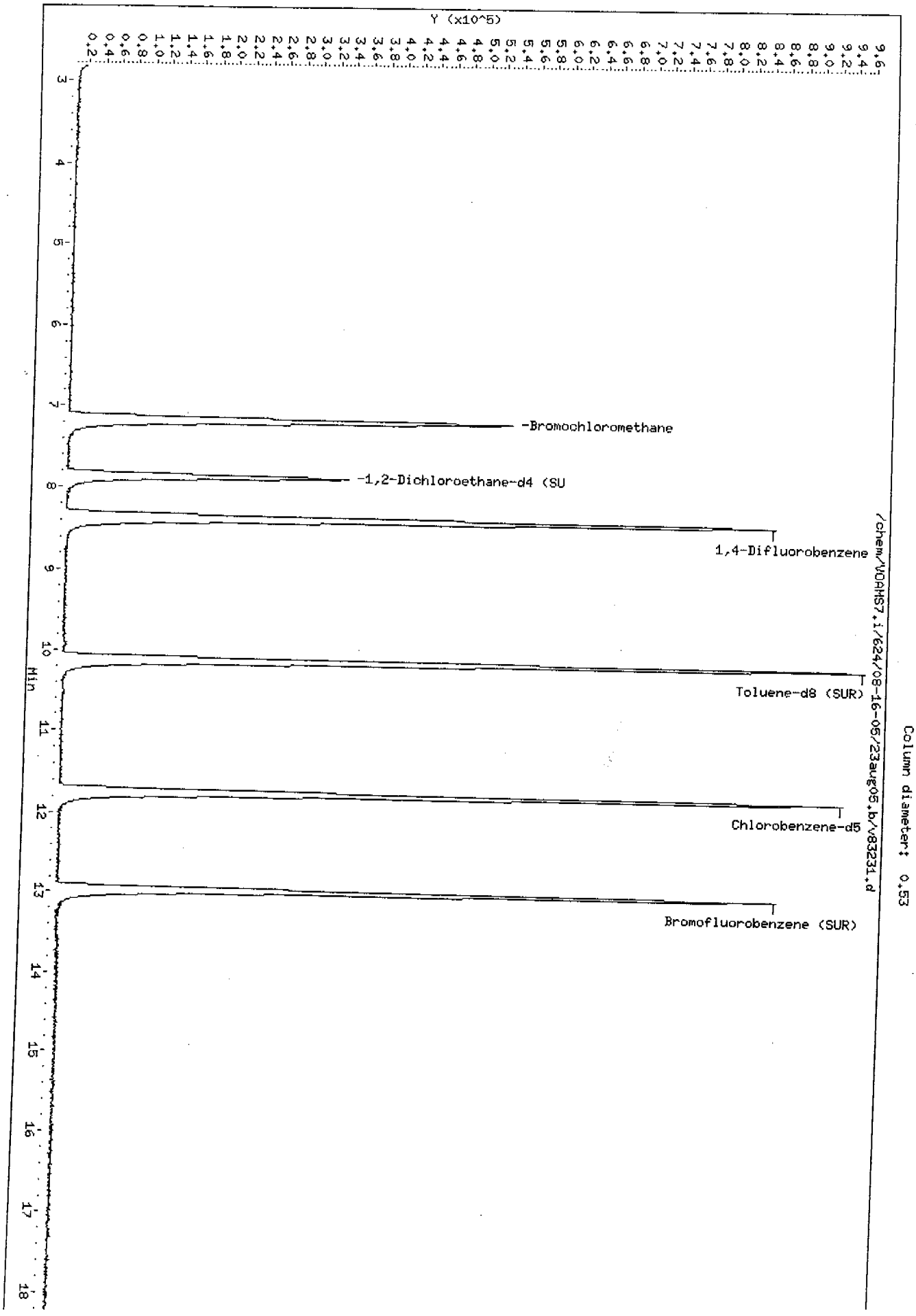
Data file : /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83231.d
Lab Smp Id: VV235B Client Smp ID: VV235B
Inj Date : 23-AUG-2005 19:26
Operator : CD Inst ID: VOAMS7.i
Smp Info : VV235B
Misc Info :
Comment :
Method : /chem/VOAMS7.i/624/08-16-05/23aug05.b/624_05.m
Meth Date : 24-Aug-2005 06:49 moroneyc Quant Type: ISTD
Cal Date : 16-AUG-2005 13:43 Cal File: v82916.d
Als bottle: 25 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
* 2 Bromochloromethane	128	7.149	7.139	(1.000)	364406	30.0000	
$ 16 1,2-Dichloroethane-d4 (SUR)	104	7.867	7.856	(0.942)	90442	30.7667	31
* 19 1,4-Difluorobenzene	114	8.348	8.346	(1.000)	1602362	30.0000	
$ 37 Toluene-d8 (SUR)	98	10.096	10.085	(0.862)	1362272	28.1522	28
* 32 Chlorobenzene-d5	117	11.717	11.715	(1.000)	1187549	30.0000	
$ 41 Bromofluorobenzene (SUR)	174	12.949	12.947	(1.105)	533435	26.7482	27


Data File: /chem/VOAMS7.i/624/08-16-05/23aug05.b/v83231.d
Date : 23-AUG-2005 19:26
Client ID: VV235B
Sample Info: VV235B
Purge Volume: 5.0
Column phase: DB624
Instrument: VOAMS7.i
Operator: CD
Column diameter: 0.53
Y (x10^5)
-Bromochloromethane
-1,2-Dichloroethane-d4 (SU
1,4-Difluorobenzene
Toluene-d8 (SUR)
Chlorobenzene-d5
Bromofluorobenzene (SUR)
/chem/VOAMS7.i/624/08-16-05/23aug05.b/v83231.d
Min

Calibration Summary

VOLATILE ORGANICS INITIAL CALIBRATION DATA
METHOD 624

Instrument ID: VOAMS7 Calibration Date(s): 08/16/05 08/16/05

Heated Purge: (Y/N) N Calibration Time(s): 1159 1343

LAB FILE ID: RRF5: V82914 RRF10: V82913 RRF20: V82912
RRF50: V82915 RRF200: V82916

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF200
Chloromethane	0.954	0.607	0.862	0.802	0.720
Bromomethane	1.204	0.839	1.191	1.137	1.083
Vinyl Chloride	1.005	0.696	0.990	0.871	0.790
Chloroethane	0.782	0.547	0.770	0.724	0.706
Methylene Chloride	1.758	1.878	1.696	1.604	1.592
Acetone	0.394	0.356	0.309	0.265	0.208
Carbon Disulfide	3.204	4.115	3.922	3.579	3.574
Trichlorofluoromethane	2.734	1.989	2.714	2.600	2.496
1,1-Dichloroethene	1.449	1.665	1.469	1.375	1.377
1,1-Dichloroethane	3.281	3.587	3.178	3.071	3.033
trans-1,2-Dichloroethene	1.854	2.020	1.806	1.753	1.743
cis-1,2-Dichloroethene	1.865	2.167	1.920	1.840	1.811
Chloroform	3.942	4.360	3.923	3.757	3.854
1,2-Dichloroethane	0.522	0.559	0.519	0.464	0.474
2-Butanone	0.089	0.121	0.113	0.103	0.102
1,1,1-Trichloroethane	3.098	3.425	3.078	2.972	3.049
Carbon Tetrachloride	2.823	3.228	2.928	2.799	2.916
Bromodichloromethane	0.736	0.801	0.787	0.723	0.780
1,2-Dichloropropane	0.418	0.448	0.412	0.391	0.380
cis-1,3-Dichloropropene	0.550	0.640	0.619	0.566	0.620
Trichloroethene	0.474	0.502	0.464	0.452	0.472
Dibromochloromethane	0.700	0.892	0.818	0.770	0.883
1,1,2-Trichloroethane	0.412	0.478	0.419	0.387	0.412
Benzene	1.084	1.168	1.062	0.993	1.028
trans-1,3-Dichloropropene	0.592	0.740	0.683	0.637	0.729
2-Chloroethyl Vinyl Ether	0.166	0.186	0.202	0.185	0.195
Bromoform	0.353	0.439	0.418	0.412	0.475
4-Methyl-2-Pentanone	0.305	0.300	0.266	0.236	0.236
2-Hexanone	0.173	0.210	0.167	0.169	0.170
Tetrachloroethene	0.757	0.854	0.737	0.702	0.769
1,1,2,2-Tetrachloroethane	0.561	0.621	0.584	0.523	0.554
Toluene	1.668	1.896	1.665	1.581	1.708
Chlorobenzene	1.215	1.428	1.255	1.171	1.267
Ethylbenzene	0.519	0.605	0.549	0.506	0.509
Styrene	0.981	1.194	1.121	1.092	1.129
Xylene (Total)	0.705	0.812	0.735	0.689	0.715
Ethyl Ether	0.977	1.248	1.114	1.007	0.960
Acrolein	0.113	0.113	0.110	0.117	0.106
Freon TF	2.922	3.709	3.415	3.046	2.834

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 624

Instrument ID: VOAMS7 Calibration Date(s): 08/16/05 08/16/05

Heated Purge: (Y/N) N Calibration Time(s): 1159 1343

LAB FILE ID: RRF5: V82914 RRF10: V82913 RRF20: V82912
RRF50: V82915 RRF200: V82916

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF200
Isopropanol	0.012	0.014	0.012	0.011	0.010
Acetonitrile	0.103	0.079	0.072	0.064	0.068
TBA	0.228	0.221	0.226	0.224	0.229
Acrylonitrile	3.414	4.180	3.709	3.536	3.348
MTBE	6.108	7.592	6.662	6.434	5.804
Hexane	0.136	0.174	0.154	0.148	0.139
DIPE	4.485	5.652	5.047	4.421	4.108
Ethyl Acetate	2.269	2.976	2.603	2.424	2.275
Vinyl Acetate	0.534	0.656	0.610	0.556	0.555
Tetrahydrofuran	0.015	0.015	0.016	0.016	0.016
Cyclohexane	0.450	0.536	0.464	0.400	0.394
Isobutanol	0.716	0.808	0.718	0.660	0.682
Isopropyl Acetate	0.656	0.708	0.660	0.629	0.679
n-Heptane	0.780	0.910	0.892	0.761	0.843
n-Butanol	1.124	1.315	1.121	1.128	1.064
Propyl Acetate	0.791	0.951	0.843	0.798	0.835
Butyl Acetate	0.278	0.348	0.287	0.277	0.329
1,2-Dibromoethane					
1,3-Dichlorobenzene					
1,4-Dichlorobenzene					
1,2-Dichlorobenzene					
Naphthalene					
Methylnaphthalene (total)					
Dimethylnaphthalene (total)					
Dichlorodifluoromethane	1.309	0.897	1.313	1.229	1.183
1,4-Dioxane	0.002	0.002	0.002	0.002	0.002
n-Pentane	0.246	0.304	0.305	0.257	0.242
5-Methyl-2-Hexanone	1.910	2.289	2.073	1.972	2.045
Isopropylbenzene	1.384	1.606	1.467	1.369	1.393
1,2,4-Trimethylbenzene	0.284	0.374	0.326	0.320	0.366
Cyclohexanone	0.072	0.087	0.088	0.079	0.080
1,2,4-Trichlorobenzene	0.022	0.024	0.023	0.021	0.022
Methyl Methacrylate	0.402	0.527	0.518	0.443	0.520
Allyl Alcohol	1.255	1.737	1.484	1.436	1.424
Epichlorohydrin	0.594	0.701	0.633	0.581	0.630
Allyl Chloride					
Benzyl Chloride					
Isoprene					
1,1,1,2-Tetrachloroethane					

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 624

Instrument ID: VOAMS7 Calibration Date(s): 08/16/05 08/16/05

Heated Purge: (Y/N) N Calibration Time(s): 1159 1343

LAB FILE ID: RRF5: V82914 RRF10: V82913 RRF20: V82912
RRF50: V82915 RRF200: V82916

COMPOUND	RRF5	RRF10	RRF20	RRF50	RRF200
Camphene (total)					
Camphor					
1,3,5-Trimethylbenzene	1.450	1.734	1.536	1.450	1.432
1,2,3-Trichlorobenzene	0.192	0.215	0.179	0.165	0.180
n-Butylbenzene	1.225	1.621	1.537	1.401	1.523
sec-Butylbenzene	1.384	1.606	1.467	1.369	1.393
tert-Butylbenzene	1.509	1.852	1.655	1.541	1.567
p-Isopropyltoluene	1.509	1.852	1.655	1.541	1.567
n-Propylbenzene	2.056	2.428	2.279	2.073	2.098
m+p-Ethyltoluene					
o-Ethyltoluene					
Methyl Acetate	0.964	1.120	1.045	0.946	0.890
Methyl cyclohexane	0.508	0.681	0.625	0.546	0.539
1,2-Dibromo-3-chloropropane	0.049	0.060	0.057	0.053	0.066
Cyclohexene					
1,2-Dichlorotrifluoroethane					
n-Propanol					
3-Methyl-1-Pentyn-3-ol					
Propylene Oxide					
Ethanol					
Chlorotrifluoroethane					
Dichlorofluoromethane					
Ethylene Oxide					
Methyl Formate					
Isobutyraldehyde					
Amyl Acetate					
1,2,3-Trichloropropane	0.148	0.164	0.158	0.144	0.147
Chlorodifluoromethane					
1,3-Dichloropropane	0.770	0.878	0.780	0.724	0.732
Dibromomethane	0.370	0.400	0.355	0.332	0.340
1-Propene					
2-Chloropropane					
1-Chloropropane					
1,2-Dichloroethane-d4 (SUR)	0.056	0.056	0.056	0.054	0.052
Toluene-d8 (SUR)	1.188	1.236	1.229	1.205	1.254
Bromofluorobenzene (SUR)	0.490	0.512	0.514	0.492	0.511

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 624

Instrument ID: VOAMS7 Calibration Date(s): 08/16/05 08/16/05

Heated Purge: (Y/N) N Calibration Time(s): 1159 1343

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Chloromethane	AVRG	0.78900438	16.8*
Bromomethane	AVRG	1.09080783	13.6*
Vinyl Chloride	AVRG	0.87027669	15.1*
Chloroethane	AVRG	0.70604474	13.3*
Methylene Chloride	AVRG	1.70560647	6.9*
Acetone	AVRG	0.30647161	24.0*
Carbon Disulfide	AVRG	3.67892114	9.6*
Trichlorofluoromethane	AVRG	2.50645502	12.2*
1,1-Dichloroethene	AVRG	1.46712961	8.1*
1,1-Dichloroethane	AVRG	3.22995360	6.9*
trans-1,2-Dichloroethene	AVRG	1.83504697	6.1*
cis-1,2-Dichloroethene	AVRG	1.92079597	7.5*
Chloroform	AVRG	3.96719137	5.8*
1,2-Dichloroethane	AVRG	0.50778611	7.6*
2-Butanone	AVRG	0.10569851	11.4*
1,1,1-Trichloroethane	AVRG	3.12434288	5.6*
Carbon Tetrachloride	AVRG	2.93897238	5.8*
Bromodichloromethane	AVRG	0.76556352	4.4*
1,2-Dichloropropane	AVRG	0.40988172	6.4*
cis-1,3-Dichloropropene	AVRG	0.59891468	6.5*
Trichloroethene	AVRG	0.47310366	3.9*
Dibromochloromethane	AVRG	0.81287931	9.8*
1,1,2-Trichloroethane	AVRG	0.42151883	8.0*
Benzene	AVRG	1.06672062	6.2*
trans-1,3-Dichloropropene	AVRG	0.67602187	9.2*
2-Chloroethyl Vinyl Ether	AVRG	0.18697089	7.3*
Bromoform	AVRG	0.41936398	10.6*
4-Methyl-2-Pentanone	AVRG	0.26870858	12.4*
2-Hexanone	AVRG	0.17802236	10.0*
Tetrachloroethene	AVRG	0.76359083	7.4*
1,1,2,2-Tetrachloroethane	AVRG	0.56860522	6.4*
Toluene	AVRG	1.70349055	6.9*
Chlorobenzene	AVRG	1.26725235	7.7*
Ethylbenzene	AVRG	0.53771645	7.7*
Styrene	AVRG	1.10365516	7.0*
Xylene (Total)	AVRG	0.73117277	6.6*
Ethyl Ether	AVRG	1.06148585	11.3*
Acrolein	AVRG	0.11172937	3.7*
Freon TF	AVRG	3.18535465	11.5*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 624

Instrument ID: VOAMS7 Calibration Date(s): 08/16/05 08/16/05

Heated Purge: (Y/N) N Calibration Time(s): 1159 1343

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Isopropanol	AVRG		
Acetonitrile	AVRG	0.01210126	13.4*
TBA	AVRG	0.07718063	20.0*
Acrylonitrile	AVRG	0.22554409	1.4*
MTBE	AVRG	3.63740468	9.2*
Hexane	AVRG		
DIPE	AVRG	6.52016835	10.4*
Ethyl Acetate	AVRG	0.15050441	10.1*
Vinyl Acetate	AVRG	4.74252082	12.9*
Tetrahydrofuran	AVRG		
Cyclohexane	AVRG	2.50931173	11.7*
Isobutanol	AVRG		
Isopropyl Acetate	AVRG	0.58224401	8.5*
n-Heptane	AVRG		
n-Butanol	AVRG	0.01567593	4.8*
Propyl Acetate	AVRG	0.44880264	12.8*
Butyl Acetate	AVRG	0.71690523	7.9*
1,2-Dibromoethane	AVRG	0.66648466	4.4*
1,3-Dichlorobenzene	AVRG	0.83742761	7.8*
1,4-Dichlorobenzene	AVRG	1.15040530	8.3*
1,2-Dichlorobenzene	AVRG	0.84338211	7.6*
Naphthalene	AVRG	0.30396374	10.7*
Methylnaphthalene (total)	AVRG		
Dimethylnaphthalene (total)	AVRG		
Dichlorodifluoromethane	AVRG	1.18639986	14.4*
1,4-Dioxane	AVRG	0.00175598	2.0*
n-Pentane	AVRG	0.27076986	11.6*
5-Methyl-2-Hexanone	AVRG		
Isopropylbenzene	AVRG	2.05798982	7.0*
1,2,4-Trimethylbenzene	AVRG	1.44415250	6.8*
Cyclohexanone	AVRG		
1,2,4-Trichlorobenzene	AVRG	0.33402525	11.0*
Methyl Methacrylate	AVRG	0.08155607	8.1*
Allyl Alcohol	AVRG		
Epichlorohydrin	AVRG	0.02262437	4.5*
Allyl Chloride	AVRG		
Benzyl Chloride	AVRG	0.48208380	11.7*
Isoprene	AVRG	1.46750996	11.8*
1,1,1,2-Tetrachloroethane	AVRG	0.62801740	7.4*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS INITIAL CALIBRATION DATA (cont'd)
METHOD 624

Instrument ID: VOAMS7 Calibration Date(s): 08/16/05 08/16/05

Heated Purge: (Y/N) N Calibration Time(s): 1159 1343

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Camphene (total)	AVRG		
Camphor	AVRG		
1,3,5-Trimethylbenzene	AVRG	1.52057703	8.3*
1,2,3-Trichlorobenzene	AVRG	0.18636515	10.1*
n-Butylbenzene	AVRG	1.46128050	10.5*
sec-Butylbenzene	AVRG	1.44415250	6.8*
tert-Butylbenzene	AVRG	1.62475944	8.5*
p-Isopropyltoluene	AVRG	1.62475944	8.5*
n-Propylbenzene	AVRG	2.18680520	7.4*
m+p-Ethyltoluene	AVRG		
o-Ethyltoluene	AVRG		
Methyl Acetate	AVRG	0.99277090	9.1*
Methyl cyclohexane	AVRG	0.57980269	12.3*
1,2-Dibromo-3-chloropropane	AVRG	0.05697790	11.2*
Cyclohexene	AVRG		
1,2-Dichlorotrifluoroethane	AVRG		
n-Propanol	AVRG		
3-Methyl-1-Pentyn-3-ol	AVRG		
Propylene Oxide	AVRG		
Ethanol	AVRG		
Chlorotrifluoroethane	AVRG		
Dichlorofluoromethane	AVRG		
Ethylene Oxide	AVRG		
Methyl Formate	AVRG		
Isobutyraldehyde	AVRG		
Amyl Acetate	AVRG		
1,2,3-Trichloropropane	AVRG	0.15245408	5.6*
Chlorodifluoromethane	AVRG		
1,3-Dichloropropane	AVRG	0.77671265	7.9*
Dibromomethane	AVRG	0.35940263	7.5*
1-Propene	AVRG		
2-Chloropropane	AVRG		
1-Chloropropane	AVRG		
1,2-Dichloroethane-d4 (SUR)	AVRG	0.05503675	3.1*
Toluene-d8 (SUR)	AVRG	1.22242247	2.1*
Bromofluorobenzene (SUR)	AVRG	0.50379922	2.3*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

VOLATILE ORGANICS CONTINUING CALIBRATION CHECK
METHOD 624

Instrument ID: VOAMS7 Calibration Date: 08/23/05 Time: 0653

Lab File ID: V83203 Init. Calib. Date(s): 08/16/05 08/16/05

Heated Purge: (Y/N) N Init. Calib. Times: 1159 1343

COMPOUND	$\overline{RRF}$	RRF20	MIN RRF	%D	MAX %D
Chloromethane	0.789	0.898		-13.8	104
Bromomethane	1.091	1.245		-14.1	86.0
Vinyl Chloride	0.870	0.948		-9.0	96.0
Chloroethane	0.706	0.810		-14.7	62.0
Methylene Chloride	1.706	1.516		11.1	39.5
Acetone	0.306	0.264		13.7	40.0
Carbon Disulfide	3.679	3.502		4.8	40.0
Trichlorofluoromethane	2.507	2.558		-2.0	52.0
1,1-Dichloroethene	1.467	1.317		10.2	49.5
1,1-Dichloroethane	3.230	2.854		11.6	27.5
trans-1,2-Dichloroethene	1.835	1.720		6.3	30.5
cis-1,2-Dichloroethene	1.921	1.745		9.2	40.0
Chloroform	3.967	3.485		12.2	32.5
1,2-Dichloroethane	0.508	0.441		13.2	32.0
2-Butanone	0.106	0.093		12.3	40.0
1,1,1-Trichloroethane	3.124	2.641		15.5	25.0
Carbon Tetrachloride	2.939	2.438		17.0	27.0
Bromodichloromethane	0.765	0.671		12.3	34.5
1,2-Dichloropropane	0.410	0.384		6.3	66.0
cis-1,3-Dichloropropene	0.599	0.528		11.8	76.0
Trichloroethene	0.473	0.436		7.8	33.5
Dibromochloromethane	0.813	0.712		12.4	32.5
1,1,2-Trichloroethane	0.422	0.387		8.3	29.0
Benzene	1.067	1.015		4.9	36.0
trans-1,3-Dichloropropene	0.676	0.580		14.2	50.0
2-Chloroethyl Vinyl Ether	0.187	0.174		7.0	124
Bromoform	0.419	0.363		13.4	29.0
4-Methyl-2-Pentanone	0.269	0.239		11.2	40.0
2-Hexanone	0.178	0.153		14.0	40.0
Tetrachloroethene	0.764	0.745		2.5	26.5
1,1,2,2-Tetrachloroethane	0.569	0.551		3.2	39.5
Toluene	1.704	1.552		8.9	25.5
Chlorobenzene	1.267	1.181		6.8	34.0
Ethylbenzene	0.538	0.504		6.3	41.0
Styrene	1.103	1.055		4.4	40.0
Xylene (Total)	0.731	0.701		4.1	40.0
Ethyl Ether	1.061	1.036		2.4	40.0

VOLATILE ORGANICS CONTINUING CALIBRATION CHECK(cont'd)
METHOD 624

Instrument ID: VOAMS7 Calibration Date: 08/23/05 Time: 0653

Lab File ID: V83203 Init. Calib. Date(s): 08/16/05 08/16/05

Heated Purge: (Y/N) N Init. Calib. Times: 1159 1343

COMPOUND	$\overline{RRF}$	RRF20	MIN RRF	%D	MAX %D
Acrolein	0.112	0.113		-0.9	40.0
Freon TF	3.185	3.220		-1.1	40.0
Isopropanol					40.0
Acetonitrile	0.012	0.011		8.3	40.0
TBA	0.077	0.059		23.4	40.0
Acrylonitrile	0.226	0.215		4.9	40.0
MTBE	3.637	3.437		5.5	40.0
Hexane					40.0
DIPE	6.520	6.251		4.1	40.0
Ethyl Acetate	0.150	0.143		4.7	40.0
Vinyl Acetate	4.743	4.500		5.1	40.0
Tetrahydrofuran					40.0
Cyclohexane	2.509	2.405		4.1	40.0
Isobutanol					40.0
Isopropyl Acetate	0.582	0.543		6.7	40.0
n-Heptane					40.0
n-Butanol	0.016	0.014		12.5	40.0
Propyl Acetate	0.449	0.414		7.8	40.0
Butyl Acetate	0.717	0.618		13.8	40.0
1,2-Dibromoethane	0.666	0.618		7.2	40.0
1,3-Dichlorobenzene	0.837	0.816		2.5	27.0
1,4-Dichlorobenzene	1.150	1.129		1.8	37.0
1,2-Dichlorobenzene	0.844	0.826		2.1	37.0
Naphthalene	0.304	0.258		15.1	40.0
Methylnaphthalene (total)					40.0
Dimethylnaphthalene (total)					40.0
Dichlorodifluoromethane	1.186	1.243		-4.8	40.0
1,4-Dioxane	0.002	0.002		0.0	40.0
n-Pentane	0.271	0.292		-7.7	40.0
5-Methyl-2-Hexanone					40.0
Isopropylbenzene	2.058	1.877		8.8	40.0
1,2,4-Trimethylbenzene	1.444	1.328		8.0	40.0
Cyclohexanone					40.0
1,2,4-Trichlorobenzene	0.334	0.329		1.5	40.0
Methyl Methacrylate	0.081	0.083		-2.5	40.0
Allyl Alcohol					40.0
Epichlorohydrin	0.022	0.023		-4.5	40.0

VOLATILE ORGANICS CONTINUING CALIBRATION CHECK(cont'd)
METHOD 624

Instrument ID: VOAMS7 Calibration Date: 08/23/05 Time: 0653

Lab File ID: V83203 Init. Calib. Date(s): 08/16/05 08/16/05

Heated Purge: (Y/N) N Init. Calib. Times: 1159 1343

COMPOUND	RRF	RRF20	MIN RRF	%D	MAX %D
Allyl Chloride					40.0
Benzyl Chloride	0.482	0.435		9.8	40.0
Isoprene	1.467	1.413		3.7	40.0
1,1,1,2-Tetrachloroethane	0.628	0.590		6.0	40.0
Camphene (total)					40.0
Camphor					40.0
1,3,5-Trimethylbenzene	1.520	1.409		7.3	40.0
1,2,3-Trichlorobenzene	0.186	0.179		3.8	40.0
n-Butylbenzene	1.461	1.350		7.6	40.0
sec-Butylbenzene	1.444	1.328		8.0	40.0
tert-Butylbenzene	1.625	1.505		7.4	40.0
p-Isopropyltoluene	1.625	1.505		7.4	40.0
n-Propylbenzene	2.187	2.055		6.0	40.0
m+p-Ethyltoluene					40.0
o-Ethyltoluene					40.0
Methyl Acetate	0.993	0.974		1.9	40.0
Methyl cyclohexane	0.580	0.592		-2.1	40.0
1,2-Dibromo-3-chloropropane	0.057	0.045		21.0	40.0
Cyclohexene					40.0
1,2-Dichlorotrifluoroethane					40.0
n-Propanol					40.0
3-Methyl-1-Pentyn-3-ol					40.0
Propylene Oxide					40.0
Ethanol					40.0
Chlorotrifluoroethane					40.0
Dichlorofluoromethane					40.0
Ethylene Oxide					40.0
Methyl Formate					40.0
Isobutyraldehyde					40.0
Amyl Acetate					40.0
1,2,3-Trichloropropane	0.152	0.143		5.9	40.0
Chlorodifluoromethane					40.0
1,3-Dichloropropane	0.777	0.751		3.3	40.0
Dibromomethane	0.359	0.317		11.7	40.0
1-Propene					40.0
2-Chloropropane					40.0
1-Chloropropane					40.0

VOLATILE ORGANICS CONTINUING CALIBRATION CHECK(cont'd)
METHOD 624

Instrument ID: VOAMS7 Calibration Date: 08/23/05 Time: 0653

Lab File ID: V83203 Init. Calib. Date(s): 08/16/05 08/16/05

Heated Purge: (Y/N) N Init. Calib. Times: 1159 1343

COMPOUND	$\overline{RRF}$	RRF20	MIN RRF	%D	MAX %D
1,2-Dichloroethane-d4 (SUR)	0.055	0.059		-7.3	
Toluene-d8 (SUR)	1.222	1.236		-1.1	
Bromofluorobenzene (SUR)	0.504	0.528		-4.8	

Surrogate Compound Recovery Summary

VOLATILE SYSTEM MONITORING COMPOUND RECOVERY
METHOD 624

Matrix: WATER Level: LOW Lab Job No: E050

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	OTHER	TOT OUT
01	VV235B	102	94	89		0
02	661886	98	93	92		0
03	661887	102	95	94		0
04	661888	100	96	92		0
05	661889	98	96	93		0
06	661890	103	91	90		0
07	661891	101	92	89		0
08	661892	100	94	90		0
09						
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		QC LIMITS
S1	= 1,2-Dichloroethane-d4	(69-131)
S2	= Toluene-d8	(60-131)
S3	= Bromofluorobenzene	(67-128)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Spike Recovery Summary

VOLATILE SPIKE RECOVERY SUMMARY
METHOD 624

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 661824

MS Sample from Lab Job No: E037

QA Batch: 9297

Compound	MS % REC.	BS % REC.	LIMITS
Chloromethane	86	95	0-273
Bromomethane	85	95	0-242
Vinyl Chloride	82	95	0-251
Chloroethane	86	95	14-230
Methylene Chloride	79	85	0-221
Trichlorofluoromethane	60	90	17-181
1,1-Dichloroethene	73	80	0-234
1,1-Dichloroethane	74	80	59-155
trans-1,2-Dichloroethene	71	75	54-156
Chloroform	77	85	51-138
1,2-Dichloroethane	79	80	49-155
1,1,1-Trichloroethane	72	75	52-162
Carbon Tetrachloride	73	80	70-140
Bromodichloromethane	80	80	35-155
1,2-Dichloropropane	83	85	0-210
cis-1,3-Dichloropropene	71	75	0-227
Trichloroethene	83	90	71-157
Dibromochloromethane	80	85	53-149
1,1,2-Trichloroethane	93	90	52-150
Benzene	84	85	37-151
trans-1,3-Dichloropropene	69	75	17-183
2-Chloroethyl Vinyl Ether	0	70	0-305
Bromoform	77	85	45-169
Tetrachloroethene	86	90	64-148
1,1,2,2-Tetrachloroethane	91	80	46-157
Toluene	85	90	47-150
Chlorobenzene	90	90	37-160
Ethylbenzene	86	90	37-162
1,3-Dichlorobenzene	89	95	59-156
1,4-Dichlorobenzene	93	90	18-190

* Values outside of QC limits

VOLATILE SPIKE RECOVERY SUMMARY
METHOD 624

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 661824

MS Sample from Lab Job No: E037

QA Batch: 9297

Compound	MS % REC.	BS % REC.	LIMITS
1,2-Dichlorobenzene	93	95	18-190

* Values outside of QC limits

Spike Recovery: 0 out of 62 outside limits

COMMENTS: _____

Internal Standard Area and RT Summary

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): V83203 Date Analyzed: 08/23/05

Instrument ID: VOAMS7 Time Analyzed: 0653

		IS1(BCM) AREA	#	RT	#	IS2(DFB) AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#
	12 HOUR STD	357852		7.14		1598878		8.35		1145102		11.71	
	UPPER LIMIT	715704		7.64		3197756		8.85		2290204		12.21	
	LOWER LIMIT	178926		6.64		799439		7.85		572551		11.21	
	LABORATORY SAMPLE NO.												
01	VV235B	364406		7.15		1602362		8.35		1187549		11.72	
02	661886	389355		7.15		1720850		8.36		1263625		11.72	
03	661887	375622		7.14		1632629		8.35		1184506		11.71	
04	661888	364506		7.15		1629747		8.35		1182088		11.71	
05	661889	372204		7.14		1599692		8.34		1172540		11.71	
06	661890	369391		7.14		1594389		8.34		1175872		11.71	
07	661891	359438		7.15		1569891		8.35		1181847		11.71	
08	661892	356069		7.15		1578618		8.35		1165797		11.71	
09													
10													
11													
12													
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20													
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22													

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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